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Vol. VI MAY, 1911 No. 1

BULLETIN

OF

Blackburn College

THE CATALOGUE

1910-1911

CARLINVILLE
PUBLISHED BY BLACKBURN UNIVERSITY
May, September, December and March

Entered as second-class matter June 6, 1906, at the postoffice at Carlinville, Illinois, under the act of Congress of July 16, 1904.

THE CATALOGUE OF

Blackburn College

CHARTERED 1857

1910-1911

CARLINVILLE, ILL.
Published by Blackburn University
1911

CALENDAR, 1911-1912

1911							
	S	M	T	W	T	F	S
September.	..	..	..	..	..	1	2
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1912							
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1912							
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CALENDAR, 1911-1912

1911.

September 12..... Tuesday, 10 a. m., to 3 p. m., Registration of Students.

September 13..... Wednesday, 10 a. m., Academic Year Begins.

November 29 to December 4 } Wednesday, 4 p. m., to Monday, 10 a. m., Thanksgiving Recess.

December 20-23. . Term Examinations.

December 23..... Thursday, 4 p. m., to Second Tuesday, Christmas Vacation.

1912.

January 3..... Wednesday, 10 a. m., Second Term Begins.

February 8..... Thursday, Day of Prayer for Colleges.

March 25-27..... Monday to Wednesday, Term Examinations.

March 27 to April 2 } Wednesday, 4 p. m., to Tuesday, Spring Recess.

April 2..... Tuesday, 10 a. m., Third Term Begins.

May 15..... Wednesday, Essays for Faculty Prizes Are Due.

June 5-7..... Wednesday to Friday, Term Examinations.

June 9-12..... Sunday to Wednesday, Commencement Exercises.

June 11..... Tuesday, 10 a. m., Meeting of the Board of Trustees.

June 12..... Wednesday, 10:30 a. m., Commencement.

SUMMER VACATION.

1912.

September 10..... Tuesday, 10 a. m., to 3 p. m., Registration of Students.

September 11..... Wednesday, 10 a. m., Academic Year Begins.

BOARD OF TRUSTEES

OFFICERS OF THE BOARD

Rev. THOMAS D. LOGAN, D.D., President.
Hon. THOMAS RINAKER, Secretary.
Hon. FRANK W. BURTON, Treasurer.

THE BOARD

Hon. Thomas Rinaker	Carlinville
A. H. Bell	Carlinville
Hon. Frank W. Burton	Carlinville
D. W. Taylor	Litchfield
* Charles G. Brown	Divernon
Rev. Charles M. Brown, D.D.	Joliet
Theodore C. Loehr	Carlinville
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John Wilson	Carlinville
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Rev. Ira W. Allen, Jr.	Paris
Rev. Frederick W. Hawley	Bloomington
† Rev. James A. Sankey	Peoria
B. M. Burke	Carlinville

PRUDENTIAL COMMITTEE

Thomas D. Logan, A. H. Bell,
Frank W. Burton, Thomas Rinaker,
Charles M. Brown.

Corporate Name: The Blackburn University.

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* Deceased.
† Removed from the State of Illinois.

THE FACULTY

WALTER HENSILL BRADLEY, PH.D., D.D.,
ACTING PRESIDENT,
(Harris Professor of Law)
History, Philosophy and Social Science.

JOHN DYKEMAN CONLEY, PH.D.,
Physics, Chemistry and Geology, Emeritus.

WESLEY ADAMS CHALLACOMBE, M.S.,
Mathematics and Astronomy.

.....
(Blackburn Professor of Theology)

CHARLOTTE FRELINGHAUSEN McLEAN, PH.D.,
English and French.

HOPE FERN TONGATE, A.B.,
Latin and Greek.

THE FACULTY

FRANK MILTON BYERS, B.S.,
Physics, Chemistry and Agriculture.

RUTH HIGLEY, A.B.,
Biology.

ETHEL PAREN ENGLAND,
Expression.

MRS. AGNES COVERT KNAPP,
Art.

MRS. ROBERT O. PURVIANCE,
Piano.

MRS. NELLIE MESSICK BROWN,
Piano.

MRS. ABBIE G. GORE,
Voice.

HISTORY OF THE COLLEGE

IN 1835, the Rev. Gideon Blackburn, D.D., a Presbyterian minister residing at Carlinville, Illinois, conceived the plan of founding an institution of learning for his Church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services, and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the College. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to

purchase eighty acres of land near the town, the present site of the college buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1857, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was granted, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, and a building was erected on the present site at a cost of $12,000. In 1859, a primary school was opened in this building, with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching.

In the autumn of 1862, Mr. Robert B. Minton became principal. From that time until the present the school has continued without interruption, and to-day, as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; women were admitted to all classes with the same privileges as men.

In September, 1867, the Rev. John W. Bailey, D.D., was elected Blackburn Professor of Theology, and the theological department was organized. The department continued for many years, and although the number of students was not large, those who graduated from it have served, and are serving, the Presbyterian and other churches in an acceptable way. The theological course is no longer given.

During this year the building was enlarged and improved at an expense of $35,000.

In 1868, the legislature, by request of the Trustees, changed the name of the institution from "Blackburn Theological Seminary" to "The Blackburn University," which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Professor Bailey was chosen President in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D.D., who served until 1891.

In the autumn of 1891, Richard Edwards, LL.D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency, and continued in that position for two years. Ill health compelled him to resign.

The next President, the Rev. James E. Rogers, Ph.D., D.D., served with credit to himself and profit to the institution from 1893 to 1896.

After a year's interval, during which Professor Walter H. Crowell was the acting President, the Rev. Walter H. Bradley was appointed Dean and acting President, and remained such until 1905.

In June, 1905, the Rev. Thomas W. Lingle, Ph.D., was chosen President, and at his resignation in June, 1908, the Rev. Walter H. Bradley was again made acting President.

In 1906, a movement was inaugurated to increase the endowment. Mr. Andrew Carnegie offered twenty thousand dollars on condition that fifty thousand more be raised. The condition was met in cash, and Mr. Carnegie's check has been received. In August, 1908, by the

settlement of the John A. Harris estate, twenty thousand dollars were received and the Harris Professorship of Law was established. Thus within three years the resources of the College were increased more than ninety thousand dollars.

During 1910 bequests from the estate of Miss Ann Brebner, of Peoria, and of Mr. Charles G. Brown, of Divernon, long a trustee of the College, added approximately fifty thousand dollars to the endowment fund.

Other friends have given and are giving generously to special improvements and equipment.

GENERAL INFORMATION

LOCATION AND EQUIPMENT

BLACKBURN was founded by one who feared God and loved his fellow men. Her motto is, "For Christ and Humanity." The emblems of her seal are the book of truth, the scroll of the law, the compass of justice, and they typify service for the world. Heroic sacrifice has marked her way, but she has justified her existence. Her fifty years of active service have given many to the Church and to the world who are exhibiting the powers of mind and the graces and virtues of character developed or intensified within her walls.

> "Not vainly the gifts of her founder were made;
> Not prayerless the stones of her corner were laid;
> The blessings of Him whom in secret they sought
> Has owned the good work the fathers have wrought."

The number of pupils is not large, but the College prefers quality to quantity in students and seeks culture and high ideals of service in instructors.

The Bible is magnified, the essentials of evangelical Christianity are emphasized, a daily chapel service is held, There is, however, a broad tolerance of religious, political and social theories. "In essentials unity, in non-essentials liberty, in all things charity."

The College stands for total abstinence from intoxi-

cating drinks and forbids all games of chance on college property.

She believes in healthful recreation and proper sport, but only in clean athletics.

She stands for true manhood and noble womanhood. She fosters reverence for holy things, the love of God and all good and the hatred of all evil. She would build into the character of her students sincerity, genuineness, truth, and would give them strength, balance and reasonableness.

Location.—The College is situated at Carlinville, Illinois, the county seat of Macoupin County, a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and a branch east and west, affords access from every direction. The Illinois Traction System, with electric cars hourly from Decatur and Springfield to St. Louis, adds to the accessibility of the institution.

Grounds and Campus.—The campus contains ten acres, well shaded by maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are football and baseball grounds and tennis courts.

University Hall.—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the department of Mathematics, the Oloparthenian Society, the Young Men's Christian Association and the Art Studio; on the second floor, the chapel, president's office, the library and several

recitation rooms; on the third floor, students' rooms. In the basement are the refectory, bath rooms, gymnasium and the steam-heating plant.

ROBERTSON HALL.— Northwest of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics and chemistry; on the second floor, the Taylor Museum; on the third floor, the halls of the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

MINTON OBSERVATORY.—To the west of Robertson Hall is the Minton Observatory, donated by the late Robert B. Minton, who for twenty-seven years was connected with Blackburn as principal of the Academy and Professor of Mathematics. In this building is a five-inch, equatorially-mounted telescope, made by Loomis.

TAYLOR MUSEUM.—This museum was donated by Julius S. Taylor, M.D., Ph.D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, aud curiosities from foreign mission fields, together with a beautiful collection of shells and corals, are grouped here.

CHEMICAL LABORATORY.—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

Physical Laboratory.—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

The Library.—The library embraces works on history, science, linguistics, archæology, literature and theology. It contains a number of rare books, valuable specimens of the bookmakers' art, more than three hundred years old.

Gymnasium.—Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. A good complement of apparatus is provided; parallel bars, horizontal bars, traveling rings, flying rings, climbing ropes, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards and tumbling mats.

Dormitory for Young Men.—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the college refectory, at which board is furnished at cost, averaging from three to four dollars a week.

ATTENDANCE, EXAMINATION AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into three terms. All students are expected to register upon the first day of each term, except at the beginning of the year, when the registration should be made during *the two days just previous* to the calendar date for the beginning of the term. Cuts are counted from the first day of each term.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each term.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the term as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the end of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee of one dollar. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to make an average of 75 per cent. in any subject at the end of a term, he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each term. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention or indolence, falls below 65 per cent. in all his studies will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent. or over during their whole College course will be regarded as graduating with honor. Students who do not secure an average of 90 per cent. in all their work, but do have an average of 90 per cent. or over in any department in which they have taken at least nine term hours of elective work in addition to all the required work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed upon the Commencement Program and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent. or over for the year will be read at the morning exercises on Commencement Day.

DISCIPLINE.—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from

time to time, special rules are made in the interest of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, as the occasion may demand. Continued wrong-doing on the part of any student, such as makes it evident to the Faculty that the student is not only failing to be benefited by the institution, but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable time, dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way from the time when the censure was imposed until the end of that academic year. Such student may not play upon ball teams, take part in any debate, oratorical contest, or similar activity.

EXPENSES

The tuition for the year in the College is $50.00, divided according to terms as follows: $22.00 in the Fall Term, $16.00 in the Winter Term, and $12.00 in the Spring Term. For the Academy the tuition is $40.00 for the year, divided as follows: $18.00 in the Fall Term, $12.00 in the Winter Term, and $10.00 in the Spring Term. Other College and Academy expenses may be summarized thus:

	Fall Term.	*Winter Term.*	*Spring Term.*
Incidentals	$1.00	$1.00	$1.00
Room rent from.....	4.50-- 8.00	4.50-- 7.50	3.00-- 6.00
Board in College Club.	40.00-- 50.00	35.00-- 45.00	30.00-- 40.00
	$45.50--$59.00	$40.50--$53.50	$34.00--$47.00

Adding to these sums the proper tuition fee, the total expenses, apart from the laboratory fees, range from $67.50 in the College and $63.50 in the Academy in the Fall Term to $46.00 and $44.00 in the College and Academy, respectively, in the Spring Term.

LABORATORY FEES, ETC.

In the Department of Biology a laboratory fee of one dollar ($1.00) a term is charged for each course.

In Chemistry a fee of two dollars ($2.00) a term is charged in connection with Course 1. In advanced

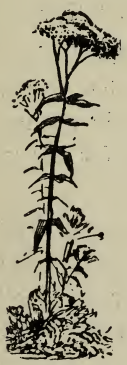
courses in Chemistry the fee is three dollars ($3.00) a term.

In Physics the laboratory fee is two dollars ($2.00) a term for each course.

At the beginning of the year a deposit of two dollars ($2.00) is required of young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to the student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music and seventy-five cents in Expression.

In Typewriting a fee of three dollars ($3.00) a year is charged for the use of the machine.



PRIZES, SCHOLARSHIPS AND SELF-HELP

GOLD MEDAL.—A gold medal is annually awarded to the student making the highest grade. All College students are eligible except winners of the medal in preceding years.

Awarded in 1910 to Miss Myrtle Glenn Boring.

FACULTY PRIZE.—A Faculty Prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 15th. Each essay must be typewritten, free from errors in grammar, spelling and diction, and from twelve hundred to two thousand words in length. All students may compete. Three essays must be submitted in order that there may be a competition.

PARKS SCHOLARSHIP.— This fund, amounting to $1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

CORBIT SCHOLARSHIP.—The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

HIGH SCHOOL SCHOLARSHIP.—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one

graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

College and Academy Scholarships.—A limited number of scholarships, each covering the tuition, is available for students of high attainments and irreproachable character. These are awarded when a student enters the institution upon the basis of his attainments elsewhere and the recommendation of those who know him best. Such scholarships will also be awarded to students of the College and Academy upon the record made in the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such scholarship.

Only students in real financial need of such aid will be granted one of these scholarships.

The Fitch Scholarship.—A fund, amounting to about $750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students from Bond County.

The Chicago Harvard Club Scholarship.—At its annual meeting, December 14, 1897, the Harvard Club of Chicago established a scholarship at Harvard University of the annual value of $300.00. This scholarship is open to the graduates of the universities and colleges of

Illinois who wish to pursue a course of study at the Graduate Schools of Harvard University. Applications must be made before May 1st in each year. Senior students about to finish their undergraduate course are eligible as candidates.

OTHER AIDS

FROM THE BOARD OF EDUCATION.—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of $100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry and must be members of one of the four college classes. Academic students may receive $90.00 a year.

EMPLOYMENT BY CITIZENS.—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses afford occasional opportunities for employment.

STUDENT ORGANIZATIONS

YOUNG MEN'S CHRISTIAN ASSOCIATION.—This association has been established for many years. Generally a large proportion of the young men are members. Meetings are held each Tuesday evening. A room on the first floor of University Hall is set apart for the association.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.—This organization, established in the winter of 1904-5, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

LITERARY SOCIETIES.—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory and parliamentary law is afforded.

1. The OLOPARTHENIAN SOCIETY is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The ORTHOPATETIC SOCIETY for young men has a good hall in the Science Building. The rooms are being refitted this year.

3. The PHILOMATHEAN SOCIETY for young men occupies a neatly-furnished and well-lighted hall in the Science Building.

BLACKBURN ORATORICAL ASSOCIATION.—The ORATORICAL ASSOCIATION is a member of the Illinois Intercollegiate Oratorical Association, and is represented in the State contest held each November.

THE BLACKBURNIAN.—The college paper, *The Blackburnian,* established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

BLACKBURN ATHLETIC ASSOCIATION.—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the College.

REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismission.

Students from academies and high schools, whose courses of study have been approved by the Faculty, are admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received is considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

ENGLISH

The requirements for admission to Freshman English are: (*a*) ability to read intelligently and appreciatively such literary English as the works named below; (*b*) familiarity with the subject-matter, structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (*c*) ability to write accurately and clearly upon subjects of human interest as well as upon the books presented for entrance.

List of books required for Uniform College Entrance Examinations in English for the years 1911-1912:

READING AND PRACTICE.

Group I (two to be selected). Shakespeare's As You Like It, Henry V., Julius Cæsar, Merchant of Venice, Twelfth Night.

Group II (one to be selected). Bacon's Essays; Bunyan's Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in The Spectator; Franklin's Autobiography.

Group III (one to be selected). Chaucer's Prologue; Spenser's Færie Queene (selections); Pope's Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe and Quentin Durward; Hawthorne's The House of Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V (two to be selected). Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

Group VI (two to be selected). Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incidents of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

STUDY AND PRACTICE.

Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns; Shakespeare's Macbeth.

LATIN

ELEMENTARY LATIN.— *a.* 1. *Latin Grammar:* The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences, indirect discourse and the subjunctive.

2. *Latin Composition:* Translation into Latin of easy English sentences.

b. Cæsar: Any four books of the Gallic War, preferably the first four, and selections from Sallust.

INTERMEDIATE LATIN.—*a. Cicero:* Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

b. Ovid: Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN.—*a. Virgil:* The first six books of the Æneid, or the first five books and the Eclogues. Prosody. Mythology.

b. Advanced Composition: Translation into Latin of continuous passages based upon Cæsar, Nepos and Cicero.

MATHEMATICS

ARITHMETIC.— Students applying for admission to College must have had such training in arithmetic as will

enable them to carry the higher branches of mathematics with facility and precision.

ALGEBRA.—Candidates for admission must have acquired a thorough knowledge, not only of the practice, but also of the reasons involved in the elementary algebraic rules. They must be able to use readily the more important formulæ.

PLANE AND SOLID GEOMETRY.—The propositions contained in the ordinary treatises on geometry.

GREEK

ELEMENTARY GREEK.—The mastery of some first-year book, as White's. Emphasis is laid upon the inflected forms, the verb, word formation, and the simpler rules of syntax. Sight reading in easy prose.

SECOND-YEAR GREEK.—If two years of Greek are offered, Xenophon's Anabasis and Greek composition are required.

FRENCH

Thorough drill in the fundamental principles of the language. Grammar, easy reading, composition.

GERMAN

Mastery of the fundamental principles of the language. Grammar, easy reading and composition.

HISTORY

ANCIENT HISTORY.—The civilization of Assyria, Babylonia, Persia and Egypt, and the smaller kingdoms of Lydia, Syria and Israel. Special attention to Greece and Rome.

ENGLISH AND AMERICAN HISTORY.—In English History the general course of development; the names, orders and houses of the different monarchs; the social and political movements with reference both to the Continent and to America. In American History the origin and development of the colonies, the conditions which led to federation and the growth and development of both the Federal and State governments.

PHYSICS AND CHEMISTRY

PHYSICS.—The equivalent of Carhart & Chute's Physics, with from forty to fifty experiments.

CHEMISTRY.—The non-metals and their principal combinations, the metals and their principal salts, chemical nomenclature and notation, with one hundred and fifty simple experiments. Students should submit their notebooks with reports of their work signed by the teacher. Candidates may be required to demonstrate their ability by laboratory tests.

OTHER SCIENCES

PHYSICAL GEOGRAPHY.—The earth; the nature, temperature, pressure, circulation and moisture of the atmosphere; the oceans; the lands and their topographical peculiarities; the forms and distribution of life.

PHYSIOLOGY, ZOÖLOGY AND BOTANY.—A year's work of five hours a week in any one of these subjects, or any two or in all, as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.

ADMISSION TO THE FRESHMAN CLASS

Students, to be admitted to the Freshman class without conditions, must present subjects aggregating fourteen points. A point means a year's work in some subject with five recitation periods a week. The subjects presented determine the course for which the student is matriculated.

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing from any approved institution of collegiate rank on a certificate of honorable dismission. He must present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Faculty.

A student may also receive credit toward his degree provided that he present, when admitted to the Freshman class, subjects which are in excess of those required for admission and are prescribed in the course of study for the degree for which he matriculates. But credit will ordinarily be given only upon examination.

ADMISSION OF SPECIAL STUDENTS

The various courses of study in both College and Academy are open to students who desire to take special courses. Such students are subject to the College regulations and must take at least fifteen hours a week of class work in the College or twenty hours in the Academy, unless satisfactory reasons for a lesser assignment are presented.

REQUIREMENTS FOR DEGREES

The College confers three degrees, Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science; the first for the completion of the classical course, the second for the philosophical, and the third for the scientific. No degree is conferred on less than one year's residence. Courses *in absentia* are not given except for the Master's degree.

REQUIREMENTS FOR DEGREE OF MASTER OF ARTS

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science or of Letters. He must, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from five thousand to ten thousand words in length, giving evidence of the candidate's ability to handle sources, is required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may take the degree at the end of one year. If the candidate be partly or wholly *in absentia,* he will need to confer, from time to time, with the professors in whose departments his subjects lie. Ordinarily such a candidate may take the degree at the end of two or three years. But, whether in residence or *in absentia,* the candidate must pass such examinations at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

Courses of Instruction by Departments

COLLEGE

I. AGRICULTURE

The course in Agriculture has been given for the past two years with satisfactory results. A state experiment field of twenty acres is located upon the college farm. The field is divided into forty one-fifth acre plots and four one-acre plots. A system of grain farming and one of live-stock farming are in operation. The work of this field is studied by the agricultural students.

Agricultural students are advised to register for Chemistry, Botany, Zoölogy, Physiology and Physical Geography.

Farm Crops.—A study of the production of corn, oats and wheat. Uses, preparation of seed bed, planting, cultivation, fertilizers, harvesting, improvement of varieties, fungus diseases and insect enemies, selection and testing of seed, and seed judging. First term.

Agricultural Architecture and Sanitation.—Location and construction of the home and farm buildings; the hygiene of the home, heating, lighting, ventilation, water supply and drainage.

Agricultural Economics.—The purpose of this course is to discuss rural social problems in general. Advantages and disadvantages of farm life, improvement of conditions. Roads, schools, churches, transportation and farm labor.

Animal Husbandry.—Elementary principles of animal nutrition. Value of different foods for affording materials for the

construction of body tissue and animal products. Methods of breeding and feeding beef cattle for the open market; by-products of the feed lot and their bearing upon the cost of beef. Second term.

Farm Mechanics.—Care and use of machinery. Plows, harrows, drills, cultivators, binders, rakes and spraying machines. Farm power machinery.

Horticulture.—An introductory course dealing with the fundamental principles of fruit culture. Location and pruning of orchards, protection from insects and diseases. Materials and methods used in spraying. Recitations, lectures and visits to local orchards. Third term.

Landscape Gardening.—Lectures, reference readings, problems and plant studies with special reference to home surroundings. Arrange time.

1. *Soil Fertility.*—Influence of fertility, natural or supplied, upon the yield of various crops. Effect of different crops upon the soil and upon succeeding crops. Rotations and the effect of different systems of farming upon the fertility and productive capacity of soils. Composition and value of fertilizers and manures. Value of legumes as green manures. The relation of limestone, legumes and raw-rock phosphate to permanent systems of agriculture. Five hours a week. First or second term.

Prerequisite: Chemistry 1.

Soil Physics.—Effects of different methods of soil treatment upon moisture, texture, aeration, fertility, and productive capacity of the soil. Means of conserving moisture: capillarity, harrowing, rolling and cropping. Power of different soils to hold moisture. Relation of humus to temperature and water-holding capacity.

II. BIBLICAL HISTORY AND LITERATURE

The work of this department covers three years and is required of all students. The purpose is, that the student may learn the Bible practically, historically and broadly doctrinally. The courses include a usable analysis

and history of the Bible itself, the purpose of its being written, the history contained within the Book, Biblical geography, the literary aspects and relations of the Book and its influence upon civilization. The Bible is the text-book, though other aids are used and lectures are given.

1. *Hebrew and Jewish History.*—Wide reading in the historical books of the Old Testament; confirmation of the Bible by archeology. Two hours a week. Throughout the year.

2. *New Testament History and Literature.*—The life of Christ and the epistles of Paul and the other apostles. Contemporary history. Two hours a week. Throughout the year.

3*a*. *Natural Theology.*—The evidences of the existence of God. Three hours a week. First term.

3*b*. *Comparative Religion.*—A study and comparison of the leading faiths of the world and an estimate of their relative values. Three hours a week. Second term.

The last two courses with Ethics constitute the Natural Theology-Ethics course, required of all students in the Senior year.

III. BIOLOGY

1*a*. *Vertebrate Zoölogy.*—Study of general characteristics of the principal groups. Laboratory work covering the detailed study of representative forms. Lectures and recitations. Three hours a week. Laboratory work five hours a week. First term.

1*b*. *Invertebrate Zoölogy.*—Development of different forms. Laboratory work covering the representatives of principal groups. Laboratory work five hours a week. Lectures and recitations three hours a week. Second and third terms.

2*a*. *General Botany.*—Study of the morphology and physiology of both lower and higher plants. Lectures and recitations three hours a week. Laboratory work five hours a week. First term.

2*b*. *Ecology.*—Study of general conditions under which plants

grow. Some collecting is done and attention is given to technology. Lectures and recitations three hours a week. Laboratory work five hours a week. Second and third terms.

Courses 1 and 2 offered in alternate years.

3*a*. *Comparative Anatomy.*—A comparative study of skeletal, muscular, digestive and nervous systems. Two lectures a week. Six to eight hours laboratory work. First term.

3*b*. *Histology.*—Study of tissues. Some attention given to microscopical technology. One recitation a week. Seven to ten hours laboratory work. Second and third terms.

4*a*. *Fungi.*—A detailed study of representative fungus forms. Two hours a week recitations. Six hours laboratory work. First term.

4*b*. *Algae.*—A detailed study of representative forms of fresh and salt-water algæ. Two hours a week recitations. Six hours a week laboratory work. Second and third terms.

IV. CHEMISTRY

1. *Elementary Inorganic Chemistry.*—This course deals with the general elementary principles of the science. One recitation and two two-hour laboratory periods a week. Throughout the year.

2. *Qualitative and Quantitative Analysis.*—This course consists of recitations and laboratory practice in the ordinary processes of qualitative and quantitative analysis and the determination of unknown substances. One recitation and two two-hour laboratory periods a week. Throughout the year.

Prerequisite: Chemistry 1.

3. *Organic Chemistry.*—The work of this course consists in the discussion of the more typical and simple organic compounds, followed by a brief consideration of the important derivatives of carbon. For agricultural and medical students. Elective for others. One recitation and two two-hour laboratory periods a week. Throughout the year.

Prerequisite: Chemistry 1 and 2.

V. ENGLISH LANGUAGE AND LITERATURE

1. *Rhetoric and Composition.*—Study of the elements and qualities of style and their practical application. Short daily or semi-weekly themes on assigned subjects. Criticism by the class. Study of specimens of prose, prescribed reading and reports. Three hours a week. First and second terms.

1 *a. Elements of Literary Criticism.*—Analysis of the principal kinds of literature. Study of specimens of prose and poetry. Weekly themes. Three hours a week. Third term.

2. *History of English Literature.*—A general survey of the History of English Literature from the earliest times to the present. Wide reading from selected masterpieces. Lectures, discussions, recitations and written reports. Three hours a week. Throughout the year.

3. *Shakespeare.*—Brief study of the development of the English Drama. Lectures on Shakespeare as a dramatist. Reading of all the plays. Reports and discussions. Three hours a week. Throughout the year.

4. *The English Drama* (exclusive of Shakespeare) from the Miracle Play to the present time. Three hours a week. Throughout the year.

5. *Eighteenth Century Prose.*—Addison, Steele, Johnson, Swift, Goldsmith. Three hours a week. First and second terms.

5 *a. Recent Essayists.*—Matthew Arnold, Ruskin, Walter Pater, Robert Louis Stevenson. Three hours a week. Third term.

6. *Nineteenth Century Poetry.*—The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First and second terms.

6 *a. English Ballads.*—Reading of the old ballads. Modern imitations of the popular ballads. Three hours a week. Third term.

7. *The English Novel.*—The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading and reports. Three hours a week. Throughout the year.

7*a*. *The Modern Short Story.*—Lectures, prescribed reading and reports. Three hours a week. One term.

8. *American Literature.*—A general survey of the history of American Literature from colonial times to the present day. Reading from the works of representative authors. Three hours a week. Throughout the year.

8*a*. *Argumentation.*—Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One term.

9. *Greek and Latin Masterpieces in English.*—Reading in translation of classical epics and dramas. Three hours a week. Throughout the year.

VI. EXPRESSION

First Year.—Technical voice training. Breath control; tone placing; tone projection; freedom, purity, smoothness; development of resonance, flexibility; power and brilliancy of tone; eradication of faults in the use of the voice.

Expressive voice culture; tone color and form; sympathy; beauty; relation of voice to imagination and emotion; voice as an interpreter of mental states.

Analytic study of English pronunciation and enunciation.

Literary interpretation; expressive study of Narration and Description. Interpretation of Essay, Exposition and Oration. Interpretative study of Epic, Lyric and Dramatic Poetry. Critical analysis. English Literature.

Platform recitations for criticism of voice and deportment.

Physical training; Anatomy and Physiology as applied to voice culture. Personal hygiene, with exercises for the vital organs and for muscular development. Exercises for poise, presence, grace and ease of bearing.

Second Year.—Technical and expressive voice training. Philosophy of Expression. Oratory; its history and theory.

The Drama; Marlowe, Shakespeare, Sheridan and Goldsmith; plots, character studies and interpretation.

Interpretative study of Dickens, Browning, Tennyson, Burns, Scott, Wordsworth and Keats.

Psychology. Physical training. Personal development; character; ethics; manners. Platform art. Public reading. Impersonation. Character delineation. Dialect. Monologue. Interpretative recitals.

VII. FRENCH LANGUAGE AND LITERATURE

A. *Elementary French.*—Thorough drill in the fundamental principles of the French language. Grammar, easy reading and composition. Three hours a week. First and second terms.

A-1. Reading and translation of such easy French classics as Musset's "Pierre et Camille"; Mairet's "La Tache du Petit Pierre"; Bruno's "Tour de la France par deux Enfants." Grammar and composition work. Three hours a week. Third term.

1. *Advanced French.*—Reading and translation of such French prose as Hugo's "La Chute"; Sand's "La Mare au Diable"; Helevy's "L'Abbe Constantin," etc., and the easier comedies of Dumas, Moliere, Corneille, Scribe, etc. Three hours a week. Throughout the year.

2*a*. *French Dramatic Literature.*—Comedies of Moliere and Corneille and tragedies of Racine and Hugo and others are read, supplemented with lectures upon the development of the French drama.

2*b*. *French Prose.*—Extended reading of the best prose classics. Three hours a week. Second term.

2*c*. *French Poetry.*—Extended reading of the best French poetry. Two hours a week. Third term.

3. *History of French Literature.*—Text-book work, supplemented by lectures, reading and written reports. One hour a week. Throughout the year.

4. *Reading and Study of the Comedies of Moliere.*—Two hours a week. Throughout the year.

5. *Victor Hugo.*—Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Two hours a week. Throughout the year.

VIII. GERMAN LANGUAGE AND LITERATURE

A. *Elementary German.*—Identical with German A in the Academy. Elective in either the Freshman or the Sophomore year for students who presented French for admission. Required of all other Freshmen and Sophomores (except candidates for the degree of Bachelor of Arts).

1. *Reading and Speaking Course.*—A year of preparatory German is presupposed. The purpose is to educate the ear, perfect the pronunciation, and acquire facility in reading German understandingly without translation. Three hours a week. Throughout the year.

2. *The Drama of the Classical Period.*—The works of Lessing, Schiller and Goethe are read. Two dramas of each author. Lectures upon the lives of the authors and the literature of the period. Three hours a week. Throughout the year.

3. *German Literature.*—History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz.: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated is used. Three hours a week. Throughout the year.

4. *Scientific German.*—Some scientific, historical or philosophical work is read with the purpose of introducing the students to such literature. One hour a week. Throughout the year.

IX. GREEK LANGUAGE AND LITERATURE

A. *Elementary Greek.*—The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the verb and to word formation. In the third term Xenophon's Anabasis is begun. Composition, both oral and written, throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who are candidates for the degree of Bachelor of Arts.

1. *Xenophon.*—Anabasis, Books II-IV. Careful study of the text. Thorough drill in syntax, pronunciation and word forma-

tion. Reading at sight. Selections from the Hellenica. Three hours a week. Throughout the year. See Course 6.

2*a*. *Lysias.*—Selected orations. Thorough study of the text, with lectures upon the development of oratory in Greece. Athenian law courts. Three hours a week. First term.

2*b*. *Plato.*—Apology and Crito. Study of the text, with sight reading in Xenophon's Memorabilia. Informal lectures upon the life and teaching of Socrates. Three hours a week. Second term.

2*c*. *Homer.*—Three books of the Iliad. Careful attention given epic forms and constructions, with lectures. Three hours a week. Third term.

3*a*. *Homer.*—Four books of the Odyssey. Rapid reading of other portions of the Odyssey, with lectures upon Greek life in the Epic Period. Three hours a week. First term.

3*b*. *Demosthenes.*—Philippics and Olynthiacs. Study of the text, with lectures upon the Attic orators and the historical situation. Three hours a week. Second term.

3*c*. *Sophocles.*—Antigone. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third term.

4*a*. *Aristophanes.*—One play studied carefully in the text, with rapid reading of other plays in translation; development of the comic drama. Three hours a week. First term.

4*b*. *Lyric Poets.*—Selections from Sappho, Alcaeus, Simonides, Pindar and other lyric poets. Lectures upon the rise and development of poetry of Greece. Three hours a week. Second term.

4*c*. *Plato.*—Republic. Study of the text, with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Three hours a week. Third term.

5. *Greek Life.*—Lectures and text-book work upon the private life of the Greeks. Child life, education, amusements, marriage, and the position of the citizen in the State are treated. One hour bi-weekly throughout the year.

6. *Greek Composition.*—Thorough drill in writing connected discourse in Greek, together with occasional oral work. One hour a week. Throughout the year.

7. *Greek Composition.*—Advanced work in writing connected discourse in Greek. One hour a week. Throughout the year.

8. *New Testament Greek.*—Selections from the Pauline Epistles, Acts of the Apostles and the Gospels, read with a view to the mastery of Hellenistic Greek. Two hours a week. Throughout the year.

X. HISTORY

1 *a.* *Greece and Rome.*—From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First term.

1 *b, c.* *European History.*—Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second and third terms.

2 *a.* *American History to 1787.*—Colonial and local government; intercolonial wars; slavery; the Revolution. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First term.

2 *b, c.* *Political and Constitutional History of the United States since 1787.*—The organization of the National Government and its administrative development; slavery; extension of territory; the bank controversy; the Civil War; the period of reconstruction; present-day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second and third terms.

3. *English Constitutional History.*—Text-book, collateral reading in the sources. Two hours a week. Throughout the year.

4. *History of France.*—The important epochs in the development of the French people are treated by text-book and lectures. Important events in Italian, Spanish and Portuguese history also receive attention. Collateral reading. Two hours a week. First term.

4 *b, c. History of Germany.*—The important epochs in the development of the German people, together with the leading events of Sweden, Denmark and Holland, especially as these latter bear upon European history in general, are treated by text-book and lectures. Collateral reading. Two hours a week. Second and third terms.

XI. LATIN LANGUAGE AND LITERATURE

1 *a. Livy.*—Selections from Books I, XXI, XXII. Careful reading of the text, with lectures upon early Roman history. Three hours a week. First term.

1 *b. Cicero.*—Selections from his letters. Lectures upon the last period of the Republic, with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second term.

1 *c. Tacitus.*—Germania and Agricola. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in Germany and Britain. Three hours a week. Third term.

2 *a. Horace.*—Odes and Epodes. Lectures upon the life of Horace, with a discussion of the chief characteristics of his lyrical works. Three hours a week. First term.

2 *b. Catullus, Tibullus and Propertius.*—Careful reading of selected poems, with discussion of form and poetical value. Three hours a week. Second term.

2 *c. Horace.*—Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers and modern satirists. Three hours a week. Third term.

3 *a. Origin of Latin Poetry and Development of the Drama.* —Readings from Plautus and Terence. Three hours a week. First term.

3 *b. Cicero.*—Brutus, with readings from Quintilian. Lectures upon the prose of the early period of the Republic. Three hours a week. Second term.

3 *c. Tacitus.*—Reading from the Annals, with lectures upon the prose of the Silver Age. Three hours a week. Third term.

4*a*. *Pliny.*—Selections from his Epistles. Lectures upon the period. Two hours a week. First term.

4*b*. *Juvenal and Martial.*—Selections, with lectures upon the development of satire from Horace to Juvenal. Two hours a week. Second term.

4*c*. *Cicero.*—Virgil. Special elective for teachers of Latin. Two hours a week. Third term.

5. *Roman Life.*—Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the home, at play, at school, and when he has taken his place in the State. One hour, bi-weekly. Throughout the year.

6. *Latin Composition.*—Thorough drill in writing connected Latin discourse, with occasional oral work. One hour a week. Throughout the year.

7*a*. *Cicero.*—De Senectute and De Amicitia. Three hours a week. First term.

7*b, c*.—*Terence.*— Selected plays. Three hours a week. Second and third terms.

XII. MATHEMATICS AND ASTRONOMY

A. MATHEMATICS.

1*a*. *College Algebra.*—A brief review of the theory of exponents, surds and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series and kindred subjects. Five hours a week. Half year.

1*b*. *Trigonometry and Surveying.*—The development of the trigonometric functions and formulæ, and their application to the solution of problems in geometry; right and oblique triangles, etc. Five hours a week. Half year.

2*a*. *Analytical Geometry.*—The study of the Cartesian and polar systems. The point, line, conics, higher plane curves and the elements of three-dimensional geometry. Three hours a week. First term.

2*b, c*. *Differential Calculus.*—Differential formulæ, application of differentiation to the expansion of functions, evolution

of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Second and third terms.

3 *a, b. Differential and Integral Calculus.*—The work in differential calculus completed. In integral calculus, the integration of rational fractions, indefinite integrals, and the application of integration to areas, surfaces, volumes and length of curves, and to the solution of problems. Three hours a week. First and second terms.

3 *c. Partial Differential Equations.*—With applications to geometry and physics. Three hours a week. Third term.

4. *Mechanics.*—A study of the principles of rational mechanics, covering a careful investigation of the formulæ concerning the work, energy, friction, momentum, equilibrium, of forces and center of gravity of bodies; the strength of bars and beams; the path of a projectile; hydrostatics and hydrodynamics; pressure and expansion of gases. Three hours a week. Throughout the year.

B. ASTRONOMY.

1. *Astronomy.*—Descriptive, mathematical and historical astronomy. Three hours a week. First and second terms.

2. *Spherical and Practical Astronomy.*—Three hours a week. Third term.

XIII. MINERALOGY AND GEOLOGY

1 *a. Mineralogy.*—Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates. Origin, character, classification and distribution of minerals. Three hours a week. First term.

1 *b, c. Geology.*—Cosmical, dynamical, structural, historical, physiographic and economic geology. Paleontology. Three hours a week. Second and third terms.

XIV. PHILOSOPHY

1 *a. Logic.*—Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First term.

1 *b, c. Psychology.*—This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and third terms.

2. *Ethics.*—The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Three hours a week. Third term.

3. *History of Philosophy.*—A development of philosophical thought from its beginnings in Greece down to modern times. Special attention is given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the Middle Ages are dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him are considered at length. The work is not merely analytical, but also constructive. Lectures, collateral reading, essays. Three hours a week. Throughout the year.

4 *a. German Philosophy.*—A careful study of Kant's Critique of the Pure Reason, together with supplementary reading in his other works and lectures upon Fichte, Schelling, Hegel and Schopenhauer. Three hours a week. First term.

4 *b. British Philosophy.*—The development of British thought from Bacon to Spenser. Special attention given to Locke, Berkeley and Hume. Lectures, readings in the sources, essays. Three hours a week. Second term.

4 *c. Metaphysics.*— The fundamental concepts of reality viewed in the light of their history and evaluated in modern thought. The distinct effort is made to get the students to grasp fundamental problems for themselves and to solve them as best they may. Three hours a week. Third term.

XV. PHYSICS

1. *General Physics.*—The aim in this course is to give the students a fuller and more exact knowledge of the general facts and principles of physics and an understanding of the illustrations

of the subject as seen in the experiences and phenomena of daily life. Attention also is directed to the various industrial applications of physical laws. Three hours a week. Throughout the year.

Prerequisite: Elementary Physics, Solid Geometry, Plane Trigonometry.

2. *Advanced Physics.*—Special branches of physics will be treated in greater detail than in Course 1. Frequent applications are made of analytical geometry and differential calculus, and such amount of mathematical training is expected of the students taking this course. The subjects chosen will vary from year to year, and will include mechanics, optics, electricity and magnetism. Three hours a week. Throughout the year.

Prerequisite: Physics 1.

XVI. SOCIAL AND POLITICAL ECONOMY

1 *a. Sociology.*—Brief survey of social evolution and the structure of society. Special attention is given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First term.

1 *b, c. Economics.*—Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages and taxation. Three hours a week. Second and third terms.

2 *a. American Government.*—This course aims to present in clear outline the national, state and municipal governments within the United States. Text-book, lectures and collateral reading. Three hours a week. First term.

2 *b. Practical Economics.*—The aim of this course is to study in detail such subjects as money and banking, public finance—both national and local—the labor movement, industrial corporations and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second term.

2 *c. International Law.*—A study of the fundamental principles governing the relations of nations, both in peace and in

war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. Third term.

3. *Social Problems.*—A study of some of the most prominent problems of the present day. Three hours a week. One term.

XVII. SPECIAL COURSES FOR BUSINESS TRAINING

Bookkeeping.—Single and double entry; constant use of all the usual and special blanks required in ordinary business; frequent trial balances and statements; actual business practice. Each student works independently and progress is rapid or slow, according to the ability and application of the student.

Stenography.—The Graham-Pitman system of shorthand is used.

Commercial Law.—The essentials of commercial principles as enforced by law.

Commercial Arithmetic.

English and other subjects are taken with the regular Academy and College classes.

OUTLINE OF COLLEGE COURSES

(The number following the name of a course refers to its number under its department. The figure in parentheses gives the number of recitation periods a week.)

FRESHMAN

Classical	*Philosophical*	*Scientific*
English 1.....(3)	English 1.....(3)	English 1.....(3)
Mathematics 1...(5)	Mathematics 1...(5)	Mathematics 1...(5)
Latin 1.....(3)	Latin 1.....(3)	Biology 1.....(3)
Gr'k 1 & 7 (A*).(4)	German 1.....(4)	German 1.....(4)
Chemistry 1....(3)	Chemistry 1....(3)	Chemistry 1....(3)

Eighteen hours required in the Freshman year.

* Freshmen from accredited schools may take Greek A five times a week. Four hours college credit is given.

SOPHOMORE

English 2.....(3)	English 2.....(3)	English 2.....(3)
Biology 1.....(3)	Biology 1.....(3)	Biology 2.....(3)
Euro. Hist. 1...(3)	Euro. Hist. 1...(3)	Euro. Hist. 1...(3)
Bib. Lit. 1.....(2)	Bib. Lit. 1.....(2)	Bib. Lit. 1.....(2)
Gr'k 2 (or 1 & 7).(3)	German 2.....(3)	Mathematics 2..(3)

SOPHOMORE ELECTIVES

Latin 2.....(3)	Latin 2.....(3)	German 2.....(3)
* French or	* French A.....(3)	* French A.....(3)
German A..(3)	Mathematics 2..(3)	Agriculture 1...(3)
Adv. Chem. 2..(3)	Adv. Chem. 2..(3)	Adv. Chem. 2..(3)
Mathematics 2..(3)		

Fourteen hours required in the Sophomore year and three additional to be elected.

* If elementary German or French is taken with Academy students five times a week it counts only three hours as a college credit.

JUNIOR

Classical	*Philosophical*	*Scientific*
Political Sci. 2. (3)	Political Sci. 2. (3)	Political Sci. 2. (3)
Philosophy 1 ... (3)	Philosophy 1 ... (3)	Philosophy 1 ... (3)
English 3 ..... (3)	English 3 ..... (3)	Physics 1 ..... (3)
Greek 3 (or 2). (3)	* Mod. Lang. ... (3)	* Mod. Lang. ... (3)
Bib. Lit. 2 ..... (2)	Bib. Lit. 2 ..... (2)	Bib. Lit. 2 ..... (2)

JUNIOR ELECTIVES

Mod. Lang. ..... (3)	Mod. Lang. ..... (3)	Mod. Lang. ..... (3)
Biology 2 ..... (3)	Biology 2 ..... (3)	Biology 3 ..... (3)
Math. 2 or 3 ... (3)	Math. 2 or 3 ... (3)	Agriculture 2 ... (3)
Latin 3 ..... (3)	Latin 3 ..... (3)	English 3 ..... (3)
		Mathematics 3 .. (3)

Fourteen hours required in the Junior year and three additional to be elected.

* French if three years German have been taken.

SENIOR

Social Sci. 1 .... (3)	Social Sci. 1 .... (3)	Social Sci. 1 .... (3)
Philosophy 3 ... (3)	Philosophy 3 ... (3)	Philosophy 3 ... (3)
Astron.-Geo. ... (4)	Astron.-Geo. ... (4)	Astron.-Geo. ... (4)
Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)

SENIOR ELECTIVES

English 4 ..... (3)	English 4 ..... (3)	English 4 ..... (3)
Modern Lang... (3)	Modern Lang... (3)	Modern Lang... (3)
Adv. Hist ..... (3)	Adv. Hist ..... (3)	Adv. Hist ..... (3)
Math. 3 or 4 ... (3)	Math. 3 or 4 ... (3)	Mathematics 4 .. (3)
* Greek 3 ..... (3)		

Thirteen hours required in the Senior year and three additional to be elected.

* Required of classical students who begin Greek in the Freshman year.

THE ACADEMY

HE work of the Academy prepares students to enter Blackburn College or any similar institution of higher learning. The instruction is thorough, given by the regular professors of Blackburn College. Three courses are offered, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and are classified in the catalogue according to the major part of their work. Those not in regular standing in any class are urged to make up the deficiency as early as possible.

Diplomas are granted only to those who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma is granted to any student for less than a year's resident work.

Students who, at the end of their Senior year in the Academy, have finished all but one or two subjects will be granted diplomas when the work is complete. This will ordinarily be one year later.

I. BIBLE

A. *Bible Study.*—Introduction to some of the simple but important facts and truths of the Bible. Reading, both in private

and in the class room, of selected portions of both the Old and New Testaments. One hour a week. Throughout the year. Required of all students in the first and third years.

B. *Bible Study.*—Work similar to Course A, but different parts of the Bible selected. One hour a week. Throughout the year. Required of all students in the first and third years. This course alternates with Course A.

II. ENGLISH

The work in this department aims to familiarize students with the best English and American literature. Thorough drill is given in the foundations of the English language.

A. *Advanced Grammar.*—Composition and Rhetoric. Study of the short story. Readings from selected English and American authors. Five hours a week. Throughout the first year.

B. *Composition and Rhetoric.*—History of American literature, with readings from selected American authors. Five hours a week. Throughout the second year.

C. *Theme Work.*—History of English literature. Reading, both in private and in the class, of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. (See English requirements for admission to the Freshman class.) Daily dictations. Five hours a week. Throughout the third year.

III. FRENCH

A. *Elementary French.*—The same as French A in the College. Five hours a week. Throughout the fourth year.

IV. GERMAN

A. *Elementary German.*—The natural method is used, and the class work is sometimes conducted entirely in German. Worman's First German Book or a similar work is followed. Daily dictations. Five hours a week. Throughout the fourth year.

V. GREEK

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course — that is, have studied both Latin and Greek — have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department, while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the course.

A. *Elementary Greek.*—The same as Greek A in the College. Five hours a week. Throughout the fourth year. Required of all students intending to take the degree of Bachelor of Arts.

VI. HISTORY

This department aims not to cram students with unrelated facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the human race.

A. *Ancient History.*—History of nations to the beginnings of Modern History. Text-book and supplementary readings in larger works. Five hours a week. First or third year.

B. *English History.*—From the earliest times to the present. Text-book, with parallel readings in larger works. Five hours a week. First or third year.

C. *American History.*—From the discovery of North America to 1909. Text-book and recitations. Readings from source books. Five hours a week. First or third year.

VII. LATIN

This department gives thorough preparation for College Latin, offering full courses in Latin Grammar, Com-

position and Translation. Emphasis is laid upon correct, idiomatic English translation, and, in Virgil, upon fluency also. Special attention is paid to the Latin derivatives in common use in the English language.

A-1, 2. *Beginning Latin.*—A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Special attention is given to pronunciation, inflection and the fundamental forms of Latin Grammar. Composition, both oral and written, and drill in accurate translations. Five hours a week. First and second terms. First year.

A-3. *Via Latina.*—Collar's Via Latina or equivalent is read and carefully studied. Special attention is given to the application of Grammar. Composition and drill in idioms preparatory to Cæsar. Five hours a week. Third term. First year.

B-1, 2. *Caesar's Gallic War, Books I-IV.*—A reading course covering the first four books of Cæsar's Gallic War. Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and second terms. Second year.

B-3. *Sallust's Catiline.*—Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Third term. Second year.

C-1, 2. *Cicero.*—The four orations against Catiline, Archias and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought. Composition based on text. Five hours a week. First and second terms. Third year.

C-3. I. *Ovid.*—Selections from Ovid, with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Third term. Third year.

D. *Virgil.*—Books I-VI of the Æneid are carefully read, portions scanned and rendered into metrical English. A systematic and thorough review of Latin Grammar; Latin Composition. Five hours a week. Throughout the fourth year.

VIII. MATHEMATICS

A-1, 2. *Arithmetic.*—Careful attention given to the four rules, decimals, factoring, fractions, proportion, percentage and roots. The instruction is adapted to the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week. First and second terms. Second year.

A-3. *Algebra.*—For beginners. Students after two terms of arithmetic are ready to begin algebra. Five hours a week. Third term. Second year.

B. *Algebra.*—Thorough drill in factoring, least common multiple, fractions, radicals, roots, theory of exponents, and equations as far as quadratics. Five hours a week. Third year.

C. *Plane and Solid Geometry.*—The usual theorems are required, with special emphasis upon original exercises. Five hours a week. Third year.

IX. SCIENCE

A. *Geography, General and Physical.*—This course is designed as a special preparation for the study of history. Text-book, maps, globes. Five hours a week. First term.

B-1. *Elementary Zoölogy.*—An introduction to the study of animal life. Text-book, recitations and laboratory practice. Five hours a week. First term. Second year.

B-2. *Physiology.*—A study of the human body, its constructions, functions and needs. Text-book and recitations. Five hours a week. Second term. Second year.

B-3. *Elementary Botany.*—An introduction to the study of plant life. Text-book, recitations and laboratory practice. Five hours a week. Third term. Second year.

C-1. *Elementary Physics.*—An introduction to the subject. Recitations, solution of problems, lectures. Many experiments illustrating the text are tried by the class or performed by the instructor. Five hours a week. First and second terms of fourth year.

OUTLINE OF ACADEMY COURSES

(Letters following the name of a course indicate its position in its department. All subjects are five hours a week except Bible, one hour a week.)

First Year.	*Second Year.*	*Third Year.*	*Fourth Year.*
Latin A.	Latin B.	Latin C.	* Latin D.
English A.	English B.	English C.	Greek A or
Hist. A or B.	Science B.	Hist. B or C.	Mod. Lan. A.
Science A.	Math. A.	Math. B.	Science C.
Bible A.		Bible B.	Math. C.

* Scientific students may substitute a modern language, although strongly advised to take fourth year Latin.

MUSIC DEPARTMENT

PIANO COURSE

FIRST GRADE

Studies.....
- Standard Grade Course — W. S. B. Matthews.
- Wieck.
- Scales.

Compositions
- Exercises in writing notes and transposition.
- Kleinmichel: Clavier Spielen (4 hands), 1st book.
- Gurlitt: Op. 18 (4 hands); Low, Dennee, Sartorio (4 hands).

SECOND GRADE

Studies.....
- Duvernoy; Op. 120, 3 books.
- Scales and Arpeggios.
- Czerny.
- Minor Scales.
- Schmoll: Execution, Phrasing, Expression.

Compositions
- Clementi, Kuhlan, Lange and Burgmuller.
- Concone, Sartorio, Heins, Lichner, Dennee.

THIRD GRADE

Studies.....
- Bach: Twelve Little Preludes.
- Heller: Opus 47, 46, 45.
- Mason's Touch and Technique.
- Loeschorn: Op. 66, 3 books.
- Minor Scales.

Compositions
- Selections from Schubert, Weber, Mozart, Beethoven (4 hands).
- Jungman, Jensen, Liebling.
- Godard, Grieg, Sherwood, Mendelssohn.

FOURTH GRADE

Studies.....	Bach: Two Part Inventions. Czerny: Op. 740. Taussig: Daily Studies. Jensen: Characteristic Studies, Op. 32.
Compositions	Schubert: Marche (4 hands). Grieg, Henselt, Chopin, Chaminade. Schubert, Rubinstein, Leschetizky. Moskowski, Handel.

FIFTH GRADE

Studies.....	Bach: French Suites. Anglaises. Bach: Suites Anglaises. Heller: Art of Phrasing, Op. 6. Clementi: Gradus ad Parnassum. Kullak: Octave Studies. Moschelle: Op. 70.
Compositions	Beethoven, Schubert, Schumann. MacDowell, Chopin. Moskowski, Meyer-Helmund. William Mason.

SIXTH GRADE

Studies.....	Chopin: Op. 25. Bach, Vogrich.
Compositions	Brahms, Heller, Wagner. Liszt, Chopin, Schumann. Steiner's Harmony. Filmore's History of Music.

VOCAL COURSE

FIRST GRADE

Lessons in breathing and production of tone. Study of intervals and beginning of the study of Messa di Voce. Exercises in Marchesi, Randegger and Concone.

SECOND GRADE

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

THIRD GRADE

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies in Sieber, Marchesi, Lamperti. More difficult songs. Church music.

FOURTH GRADE

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers and selections from oratorio.

Pupils' recitals are held on the third Saturday of each month.

ART

First Year.—Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water-color painting (monochrome) from still life. Perspective.

Second Year.—Drawing from casts, drapery and groups of objects in charcoal and crayon. Pen and ink drawing. Painting from still life in oil and water color. Perspective. Artistic Anatomy.

Third Year.—More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color and pastel. Art History.

Fourth Year.—Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

A special course in china painting is given. The firing is done in the studio.

REGISTER OF STUDENTS

THE COLLEGE

GRADUATE

William M. Russell.....Carrollton

SENIORS—CLASS OF 1911

Mae Boyd.....Carlinville
Flora Alice Denby.....Carlinville
John Patrick Madden.....Medora
Rebecca Jane Sacre.....Carlinville
Elwood M. S. Steward.....Carlinville
Beatrice Tolan.....Girard

JUNIORS—CLASS OF 1912

Nellie Louise Keplinger.....Carlinville
Mildred Elizabeth Rowe.....Carlinville
Evan Lemuel Searcy.....Carlinville
Genevieve Anne Westermeier.....Carlinville

SOPHOMORES—CLASS OF 1913

Glenn Boring.....Carlinville
Jamie Clifford Donahue.....Plainview
Jean Frances Hoblit.....Carlinville
Elizabeth McSherry.....Carlinville
Alma Dorothy Mueller.....Carlinville
Elbert Nevins.....Litchfield

FRESHMEN—CLASS OF 1914

Edna Chiles.....Carlinville
Dorothy Collins.....Carlinville
Camille LaRue Cookson.....Carlinville
Hazel Lucile Gore.....Carlinville
Thad. L. Loveless.....Carlinville
Hazel Yaeger.....Litchfield

THE ACADEMY

FOURTH YEAR—CLASS OF 1911

Chance C. Jones.....Shipman
Janet Rinaker.....Carlinville
Edith Sharp.....Carlinville
Paul D. Tongate.....Carlinville

THIRD YEAR—CLASS OF 1912

Bessie Brewer.....Carlinville
Ernest Stanley Brewer.....Carlinville
Doris Belle Bruce.....Hornsby

FIRST AND SECOND YEARS—CLASSES OF 1913, 1914

Mayo L. Banks.....Chesterfield
Thomas K. Hounsley.....Chesterfield
Mamie Loveless.....Carlinville
Herschel Thompson.....Carlinville
Early Winters.....Nilwood
Perly Winters.....Nilwood

SPECIAL STUDENTS

Eva Hoehn.....Carlinville
William Hulse.....Carlinville

Joseph E. Jupin.....Nilwood
Myrtle Keas.....Carlinville
Etna Linder.....Greenfield
Kate McNichols.....Carlinville
Orvil Meiners.....Carlinville
Margaret Murphy.....Carlinville
Mary Murphy.....Carlinville
Stella Steinmeyer.....Carlinville
Bernard Stengl.....Carlinville
Ernest York.....Carlinville

EXPRESSION DEPARTMENT

Mae Boyd.....Carlinville
Howard Knotts.....Carlinville
John P. Madden.....Medora
Theresa Renner.....Carlinville
Donna Rhodes.....Carlinville
Reba Sacre.....Carlinville
Evan Searcy.....Carlinville
Toleda Sensel.....Womac
Beatrice Tolan.....Girard
Perly Winters.....Nilwood
Hazel Yaeger.....Litchfield
Elsa Young.....Carlinville

MUSIC DEPARTMENT

VOCAL

Mabel Bevers.....Carlinville
Mae Boyd.....Carlinville

Doris Bruce ..... Hornsby
Dwight Burton ..... Girard
Mrs. William Christopher ..... Shipman
Marguerite Davenport ..... Carlinville
Mrs. Abbie Deeds ..... Carlinville
Lucetta Drosten ..... Carlinville
Mary Edmiston ..... Hettick
Lee Goff ..... Carlinville
Gladys Gore ..... Carlinville
Gertrude Gottschall ..... Carlinville
Mrs. Georgia Green ..... Carlinville
Florence Head ..... Carlinville
Mrs. John Kelsey ..... Shipman
Mrs. Clarence Kime ..... Girard
Etna Linder ..... Greenfield
Roxy McGhee ..... Girard
Mrs. Mabel Murphy ..... Nilwood
Anna Mae Patchen ..... Carlinville
Alfred Post ..... Girard
Paul Post ..... Girard
Irene Robbins ..... Girard
Mildred Rowe ..... Carlinville
Sophia Sacre ..... Carlinville
Evan Searcy ..... Carlinville
Mr. Smeltzer ..... Girard
Beatrice Smith ..... Carlinville
Pauline Smith ..... Carlinville
Bernard Stengl ..... Carlinville
Mrs. Edward Stottler ..... Carlinville
Mrs. Harry Tietsort ..... Girard

INSTRUMENTAL

Mary Van Anderson.....Carlinville
Ethel Benny.....Carlinville
Lillian Beasley.....Carlinville
Frances Bloome.....Carlinville
Mildred Boatman.....Carlinville
Tressie Bonham.....Carlinville
Dewey Boyd.....Carlinville
Gertrude Burke.....Carlinville
Kathleen Burke.....Carlinville
Lillian Burke.....Carlinville
Jessie Clevenger.....Carlinville
Minnie Cohn.....Virden
Helen Denby.....Carlinville
Lillie Diesel.....Carlinville
Mary Edmiston.....Hettick
Elizabeth Fitzgerald.....Gillespie
Mary Flori.....Carlinville
Elizabeth Harkins.....Carlinville
Beatrice Hartley.....Carlinville
Jean Hoblit.....Carlinville
Helen Homer.....Carlinville
Emily Jordan.....Carlinville
Judith Jordan.....Carlinville
Alvarita Kasten.....Carlinville
Buenieta Kasten.....Carlinville
Annie Madden.....Carlinville
Harriet McClure.....Carlinville
Mrs. Harry Miller.....Carlinville
Alice Morse.....Carlinville
Fred Morse.....Carlinville

Alma Mueller ..... Carlinville
Louise Mueller ..... Carlinville
Ruth Murphy ..... Nilwood
Cora Oller ..... Carlinville
Frances Owen ..... Carlinville
Purcell Peck ..... Carlinville
Carter Peebles ..... Carlinville
Don Peebles ..... Carlinville
Mrs. Jesse Peebles ..... Carlinville
Martha Ellen Peebles ..... Carlinville
Leah Phares ..... Carlinville
Margaret Ross ..... Carlinville
Mildred Ross ..... Carlinville
Mary Rucker ..... Girard
Helen Schaefer ..... Carlinville
Pearl Schoper ..... Carlinville
Helen Searcy ..... Carlinville
Nora Seehausen ..... Carlinville
Daniel Sexton ..... Carlinville
Elmer Sexton ..... Carlinville
Helen Steward ..... Carlinville
Marian Turnbull ..... Carlinville
Cornelia Weiss ..... Carlinville
Oren York ..... Carlinville
Anita Young ..... Carlinville

ART DEPARTMENT

Wayland Alexander ..... Carlinville
Mae Boyd ..... Carlinville
Eldred Cress ..... Carlinville

Mrs. F. H. Colver.....Carlinville
Raymond Colver.....Carlinville
Dorothy Collins.....Carlinville
Catherine Daley.....Carlinville
Ruth Draper.....Carlinville
Genevieve Gore.....Carlinville
Peter Heinz.....Carlinville
Ruth Higley.....Grandview, Iowa
Jean Hoblit.....Carlinville
Mrs. E. A. Ibbetson.....Carlinville
Myrtle Keas.....Carlinville
Zella Kessinger.....Carlinville
Alma Mueller.....Carlinville
Maryon Mounts.....Carlinville
Mrs. C. M. Otwell.....Carlinville
Purcell Peck.....Carlinville
Janet Rinaker.....Carlinville
Wendell Ross.....Carlinville
Harriet Schaefer.....Carlinville
Mrs. C. A. Steinmeyer.....Carlinville
Stella Steinmeyer.....Carlinville
Bernard Stengl.....Carlinville
Helen Steward.....Carlinville
Mrs. John Westermeier.....Carlinville
Loretta Westermeier.....Carlinville
Hazel Yaeger.....Litchfield

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TYPOGRAPHE

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Vol. VII MAY, 1912 No. 1

BULLETIN

OF

Blackburn College

THE CATALOGUE

1911-1912

CARLINVILLE
PUBLISHED BY BLACKBURN UNIVERSITY
May, September, December and March

Entered as second-class matter June 6, 1906, at the postoffice at Carlinville, Illinois, under the act of Congress of July 16, 1904.

THE CATALOGUE OF

Blackburn College

CHARTERED 1857

1911-1912

CARLINVILLE, ILL.
Published by Blackburn University
1912

CALENDAR, 1912-1913.

1912

MAY

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OCTOBER

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1913

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CALENDAR, 1912-1913.

1912.

September 10 ..... Tuesday, 10 a. m., to 3 p. m., Registration of Students.

September 11 ..... Wednesday, 10 a. m., Academic Year Begins.

November 27 to December 2 } Wednesday, 4 p.m., to Monday, 10 a.m., Thanksgiving Recess.

December 20 ..... Friday, 4 p.m., to Second Thursday, Christmas Vacation.

1913.

January 2 ..... Thursday, 10 a.m., Christmas Vacation ends.

February 13 ..... Thursday, Day of Prayer for Colleges.

February 19-21 ... Wednesday to Friday, Semester Examinations.

February 24 ..... Monday, 10 a.m., Second Semester Begins.

June 4-6 ..... Wednesday to Friday, Semester Examinations.

June 8-11 ..... Sunday to Wednesday, Commencement Exercises.

June 10 ..... Tuesday, 10 a.m., Meeting of the Board of Trustees.

June 11 ..... Wednesday, 10:30 a.m., Commencement.

BOARD OF TRUSTEES

OFFICERS OF THE BOARD

Rev. THOMAS D. LOGAN, D.D., President.
Hon. THOMAS RINAKER, Secretary.
Hon. FRANK W. BURTON, Treasurer.

THE BOARD

Hon. Thomas Rinaker	Carlinville
A. H. Bell	Carlinville
Hon. Frank W. Burton	Carlinville
D. W. Taylor	Litchfield
Rev. Charles M. Brown, D.D.	Joliet
Theodore C. Loehr	Carlinville
Thomas D. Logan, D.D.	Springfield
John Wilson	Carlinville
H. H. Montgomery	Carrollton
Rev. John A. Tracy	Shelbyville
Rev. Ira W. Allen, Jr.	Paris
B. M. Burke	Carlinville
A. L. Hoblitt	Carlinville
Rev. Hugh Jack, D.D.	Peoria
Rev. W. H. Fulton	Clinton
Charles H. Burgdorff	Carlinville

PRUDENTIAL COMMITTEE

Thomas D. Logan, A. H. Bell,
Frank W. Burton, Thomas Rinaker,
Charles M. Brown.

Corporate Name: The Blackburn University.

THE FACULTY

WALTER HENSILL BRADLEY, PH.D., D.D.,
ACTING PRESIDENT,
(Harris Professor of Law)
History, Philosophy and Social Science.

JOHN DYKEMAN CONLEY, PH.D.,
Physics, Chemistry and Geology, Emeritus.

WESLEY ADAMS CHALLACOMBE, M.S.,
Mathematics and Astronomy.

HUGH JACK, D.D.,
(Blackburn Professor of Theology)

MRS. FAYE W. MOELLERING, A.B.,
English and French.

HOPE FERN TONGATE, A.B.,
Latin and Greek.

THE FACULTY

PAUL P. B. BROOKS, B.S.,
Physics, Chemistry and Agriculture.

RUTH HIGLEY, A.B.,
Biology.

ETHEL PAREN ENGLAND,
Expression.

MRS. AGNES COVERT KNAPP,
Art.

MRS. ROBERT O. PURVIANCE,
Piano.

MRS. NELLIE MESSICK BROWN,
Piano.

MRS. ABBIE G. GORE,
Voice.

HISTORY OF THE COLLEGE

IN 1835, the Rev. Gideon Blackburn, D.D., a Presbyterian minister residing at Carlinville, Illinois, conceived the plan of founding an institution of learning for his Church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services, and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the College. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to

purchase eighty acres of land near the town, the present site of the college buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1857, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was granted, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, and a building was erected on the present site at a cost of $12,000. In 1859, a primary school was opened in this building, with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching.

In the autumn of 1862, Mr. Robert B. Minton became principal. From that time until the present the school has continued without interruption, and to-day, as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; women were admitted to all classes with the same privileges as men.

In September, 1867, the Rev. John W. Bailey, D.D., was elected Blackburn Professor of Theology, and the theological department was organized. The department continued for many years, and although the number of students was not large, those who graduated from it have served, and are serving, the Presbyterian and other churches in an acceptable way. The theological course is no longer given.

During this year the building was enlarged and improved at an expense of $35,000.

In 1868, the legislature, by request of the Trustees, changed the name of the institution from "Blackburn Theological Seminary" to "The Blackburn University," which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Professor Bailey was chosen President in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D.D., who served until 1891.

In the autumn of 1891, Richard Edwards, LL.D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency, and continued in that position for two years. Ill health compelled him to resign.

The next President, the Rev. James E. Rogers, Ph.D., D.D., served with credit to himself and profit to the institution from 1893 to 1896.

After a year's interval, during which Professor Walter H. Crowell was the acting President, the Rev. Walter H. Bradley was appointed Dean and acting President, and remained such until 1905.

In June, 1905, the Rev. Thomas W. Lingle, Ph.D., was chosen President, and at his resignation in June, 1908, the Rev. Walter H. Bradley was again made acting President.

In 1906, a movement was inaugurated to increase the endowment. Mr. Andrew Carnegie offered twenty thousand dollars on condition that fifty thousand more be raised. The condition was met in cash, and Mr. Carnegie's check has been received. In August, 1908, by the

settlement of the John A. Harris estate, twenty thousand dollars were received and the Harris Professorship of Law was established. Thus within three years the resources of the College were increased more than ninety thousand dollars.

During 1910 bequests from the estate of Miss Ann Brebner, of Peoria, and of Mr. Charles G. Brown, of Divernon, long a trustee of the College, added approximately fifty thousand dollars to the endowment fund.

Other friends have given and are giving generously to special improvements and equipment.

GENERAL INFORMATION

LOCATION AND EQUIPMENT

BLACKBURN was founded by one who feared God and loved his fellow men. Her motto is, "For Christ and Humanity." The emblems of her seal are the book of truth, the scroll of the law, the compass of justice, and they typify service for the world. Heroic sacrifice has marked her way, but she has justified her existence. Her fifty years of active service have given many to the Church and to the world who are exhibiting the powers of mind and the graces and virtues of character developed or intensified within her walls.

The number of pupils is not large, but the College prefers quality to quantity in students and seeks culture and high ideals of service in instructors.

The Bible is magnified, the essentials of evangelical Christianity are emphasized, a daily chapel service is held. There is, however, a broad tolerance of religious, political and social theories. "In essentials unity, in non-essentials liberty, in all things charity."

The College stands for total abstinence from intoxicating drinks and forbids all games of chance on college property.

She believes in healthful recreation and proper sport, but only in clean athletics.

She stands for true manhood and noble womanhood. She fosters reverence for holy things, the love of God and all good and the hatred of all evil. She would build into the character of her students sincerity, genuineness, truth, and would give them strength, balance and reasonableness.

Location.—The College is situated at Carlinville, Illinois, the county seat of Macoupin County, a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and a branch east and west, affords access from every direction. The Illinois Traction System, with electric cars hourly from Decatur and Springfield to St. Louis, adds to the accessibility of the institution.

Grounds and Campus.—The campus contains ten acres, well shaded by maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are football and baseball grounds and tennis courts.

University Hall.—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the department of Mathematics, the Oioparthenian Society, the Young Men's Christian Association and the Art Studio; on the second floor, the chapel, president's office, the library and several recitation rooms; on the third floor, students' rooms. In the basement are the refectory, bath rooms, gymnasium and the steam-heating plant.

Robertson Hall.— Northwest of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics and chemistry; on the second floor, the Taylor Museum; on the third floor, the halls of the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

Minton Observatory.—To the west of Robertson Hall is the Minton Observatory, donated by the late Robert B. Minton, who for twenty-seven years was connected with Blackburn as principal of the Academy and Professor of Mathematics. In this building is a five-inch, equatorially-mounted telescope, made by Loomis.

Taylor Museum.—This museum was donated by Julius S. Taylor, M.D., Ph.D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, aud curiosities from foreign mission fields, together with a beautiful collection of shells and corals, are grouped here.

Chemical Laboratory.—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

PHYSICAL LABORATORY.—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

THE LIBRARY.—The library embraces works on history, science, linguistics, archæology, literature and theology. It contains a number of rare books, valuable specimens of the bookmakers' art, more than three hundred years old.

GYMNASIUM.—Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. A good complement of apparatus is provided; parallel bars, horizontal bars, traveling rings, flying rings, climbing ropes, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards and tumbling mats.

DORMITORY FOR YOUNG MEN.—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the college refectory, at which board is furnished at cost, averaging from three to four dollars a week.

ATTENDANCE, EXAMINATION AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into two semesters. All students are expected to register upon the first day of each semester, except at the beginning of the year, when the registration should be made during *the day just previous* to the calender date for the beginning of the semester. Cuts are counted from the first day of each semester.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each semester.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the semester as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the end of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to make an average of 75 per cent. in any subject at the end of a semester he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each half year. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention or indolence, falls below 65 per cent. in all his studies will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent. or over during their whole College course will be regarded as graduating with honor. Students who do not secure an average of 90 per cent. in all their work, but do have an average of 90 per cent. or over in any department in which they have taken at least six semester hours of elective work in addition to all the required work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed upon the Commencement Program and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent. or over for the year will be read at the morning exercises on Commencement Day.

DISCIPLINE.—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from

time to time, special rules are made in the interest of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, as the occasion may demand. Continued wrong-doing on the part of any student, such as makes it evident to the Faculty that the student is not only failing to be benefited by the institution, but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable time, dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way from the time when the censure was imposed until the end of that academic year. Such student may not play upon ball teams, take part in any debate, oratorical contest, or similar activity.

EXPENSES

The tuition for the year in the College is $50.00, divided according to semesters as follows: $25.00 for each semester. For the Academy the tuition is $40.00 for the year, divided as follows: $20.00 for each semester.

An incidental fee of $1.50 each semester is charged.

LABORATORY FEES, ETC.

In the Department of Biology a laboratory fee of one dollar and fifty cents ($1.50) a semester is charged for each course.

In Chemistry a fee of three dollars ($3.00) a semester is charged in connection with Course 1. In advanced courses in Chemistry the fee is four dollars and fifty cents ($4.50) a semester.

In Physics the laboratory fee is three dollars ($3.00) a semester for each course.

At the beginning of the year a deposit of two dollars ($2.00) is required of young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to the student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music.

SCHOLARSHIPS AND SELF-HELP

PARKS SCHOLARSHIP.— This fund, amounting to $1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

CORBIT SCHOLARSHIP.—The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

HIGH SCHOOL SCHOLARSHIP.—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

COLLEGE AND ACADEMY SCHOLARSHIPS.—A limited number of scholarships, each covering the tuition, is available for students of high attainments and irreproachable character. These are awarded when a student enters the institution upon the basis of his attainments elsewhere

and the recommendation of those who know him best. Such scholarships will also be awarded to students of the College and Academy upon the record made in the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such scholarship.

Only students in real financial need of such aid will be granted one of these scholarships.

THE FITCH SCHOLARSHIP.—A fund, amounting to about $750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students from Bond County.

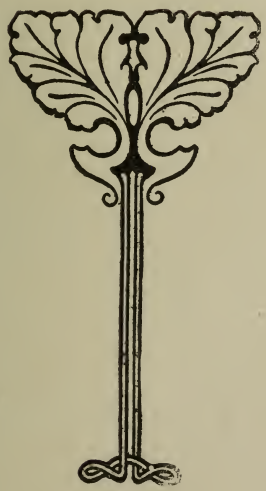
THE CHICAGO HARVARD CLUB SCHOLARSHIP.—At its annual meeting, December 14, 1897, the Harvard Club of Chicago established a scholarship at Harvard University of the annual value of $300.00. This scholarship is open to the graduates of the universities and colleges of Illinois who wish to pursue a course of study at the Graduate Schools of Harvard University. Applications must be made before May 1st in each year. Senior students about to finish their undergraduate course are eligible as candidates.

OTHER AIDS

FROM THE BOARD OF EDUCATION.—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of

$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry and must be members of one of the four college classes. Academic students may receive $90.00 a year.

EMPLOYMENT BY CITIZENS.—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses afford occasional opportunities for employment.



STUDENT ORGANIZATIONS

YOUNG MEN'S CHRISTIAN ASSOCIATION.—This association has been established for many years. Generally a large proportion of the young men are members. Meetings are held each Tuesday evening. A room on the first floor of University Hall is set apart for the association.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.—This organization, established in the winter of 1904-5, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

LITERARY SOCIETIES.—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory and parliamentary law is afforded.

1. The OIOPARTHENIAN SOCIETY is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The ORTHOPATETIC SOCIETY for young men has a good hall in the Science Building. The rooms have been recently refitted.

3. The PHILOMATHEAN SOCIETY for young men occupies a neatly-furnished and well-lighted hall in the Science Building.

BLACKBURN ORATORICAL ASSOCIATION.—The ORATORICAL ASSOCIATION is a member of the Illinois Intercollegiate Oratorical Association, and is represented in the State contest held each November.

THE BLACKBURNIAN.—The college paper, *The Blackburnian,* established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

BLACKBURN ATHLETIC ASSOCIATION.—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the College.

REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismission.

Students from academies and high schools, whose courses of study have been approved by the Faculty, are admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first half-semester of attendance of those so received is considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

ENGLISH

The requirements for admission to Freshman English are: (*a*) ability to read intelligently and appreciatively such literary English as the works named below; (*b*) familiarity with the subject-matter, structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (*c*) ability to write accurately and clearly upon subjects of human interest as well as upon the books presented for entrance.

List of books required for Uniform College Entrance Examinations in English for the years 1912-1913:

READING AND PRACTICE.

Group I (two to be selected). Shakespeare's As You Like It, Henry V., Julius Cæsar, Merchant of Venice, Twelfth Night.

Group II (one to be selected). Bacon's Essays; Bunyan's Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in The Spectator; Franklin's Autobiography.

Group III (one to be selected). Chaucer's Prologue; Spenser's Færie Queene (selections); Pope's Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe and Quentin Durward; Hawthorne's The House of Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V (two to be selected). Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

Group VI (two to be selected). Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incidents of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

STUDY AND PRACTICE.

Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns; Shakespeare's Macbeth.

LATIN

ELEMENTARY LATIN.—*a.* 1. *Latin Grammar:* The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences, indirect discourse and the subjunctive.

2. *Latin Composition:* Translation into Latin of easy English sentences.

b. Cæsar: Any four books of the Gallic War, preferably the first four, and selections from Sallust.

INTERMEDIATE LATIN.—*a. Cicero:* Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

b. Ovid: Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN.—*a. Virgil:* The first six books of the Æneid, or the first five books and the Eclogues. Prosody. Mythology.

b. Advanced Composition: Translation into Latin of continuous passages based upon Cæsar, Nepos and Cicero.

MATHEMATICS

ARITHMETIC.— Students applying for admission to College must have had such training in arithmetic as will

enable them to carry the higher branches of mathematics with facility and precision.

ALGEBRA.—Candidates for admission must have acquired a thorough knowledge, not only of the practice, but also of the reasons involved in the elementary algebraic rules. They must be able to use readily the more important formulæ.

PLANE AND SOLID GEOMETRY.—The propositions contained in the ordinary treatises on geometry.

GREEK

ELEMENTARY GREEK.—The mastery of some first-year book, as White's. Emphasis is laid upon the inflected forms, the verb, word formation, and the simpler rules of syntax. Sight reading in easy prose.

SECOND-YEAR GREEK.—If two years of Greek are offered, Xenophon's Anabasis and Greek composition are required.

FRENCH

Thorough drill in the fundamental principles of the language. Grammar, easy reading, composition.

GERMAN

Mastery of the fundamental principles of the language. Grammar, easy reading and composition.

HISTORY

ANCIENT HISTORY.— The civilization of Assyria, Babylonia, Persia and Egypt, and the smaller kingdoms of Lydia, Syria and Israel. Special attention to Greece and Rome.

English and American History.—In English History the general course of development; the names, orders and houses of the different monarchs; the social and political movements with reference both to the Continent and to America. In American History the origin and development of the colonies, the conditions which led to federation and the growth and development of both the Federal and State governments.

PHYSICS AND CHEMISTRY

Physics.—The equivalent of Carhart & Chute's Physics, with from forty to fifty experiments.

Chemistry.—The non-metals and their principal combinations, the metals and their principal salts, chemical nomenclature and notation, with one hundred and fifty simple experiments. Students should submit their notebooks with reports of their work signed by the teacher. Candidates may be required to demonstrate their ability by laboratory tests.

OTHER SCIENCES

Physical Geography.—The earth; the nature, temperature, pressure, circulation and moisture of the atmosphere; the oceans; the lands and their topographical peculiarities; the forms and distribution of life.

Physiology, Zoölogy and Botany.—A year's work of five hours a week in any one of these subjects, or any two or in all, as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.

ADMISSION TO THE FRESHMAN CLASS

Students, to be admitted to the Freshman class without conditions, must present subjects aggregating fourteen points. A point means a year's work in some subject with five recitation periods a week. The subjects presented determine the course for which the student is matriculated.

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing from any approved institution of collegiate rank on a certificate of honorable dismission. He must present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Faculty.

A student may also receive credit toward his degree provided that he present, when admitted to the Freshman class, subjects which are in excess of those required for admission and are prescribed in the course of study for the degree for which he matriculates. But credit will ordinarily be given only upon examination.

ADMISSION OF SPECIAL STUDENTS

The various courses of study in both College and Academy are open to students who desire to take special courses. Such students are subject to the College regulations and must take at least fifteen hours a week of class work in the College or twenty hours in the Academy, unless satisfactory reasons for a lesser assignment are presented.

REQUIREMENTS FOR DEGREES

The College confers three degrees, Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science; the first for the completion of the classical course, the second for the philosophical, and the third for the scientific. No degree is conferred on less than one year's residence. Courses *in absentia* are not given except for the Master's degree.

REQUIREMENTS FOR DEGREE OF MASTER OF ARTS

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science or of Letters. He must, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from five thousand to ten thousand words in length, giving evidence of the candidate's ability to handle sources, is required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may take the degree at the end of one year. If the candidate be partly or wholly *in absentia,* he will need to confer, from time to time, with the professors in whose departments his subjects lie. Ordinarily such a candidate may take the degree at the end of two or three years. But, whether in residence or *in absentia,* the candidate must pass such examinations at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

Courses of Instruction by Departments

COLLEGE

I. AGRICULTURE

The course in Agriculture has been given for the past three years with satisfactory results. A state experiment field of twenty acres is located on the college farm. The work of this field is studied by the agricultural students.

1. *Elementary Agriculture.*—A general course, intended (1) to serve as an introduction to the more advanced work; (2) to give the general student a more intimate acquaintance with our greatest industry. Five hours a week. First and second semesters.

2. *Farm Crops.*—A study of the principal crops. Preparation of the seed bed, planting, cultivation, fertilizers, harvesting, improvement of varieties, fungus diseases and insect enemies, selection and testing of seed, and seed judging. First semester.

3. *Animal Husbandry.*—Elementary principles of animal nutrition. Values of different foods. Feeding beef cattle. By-products of the feed lot and their bearing on cost. Second semester.

4. *Farm Machinery.*—Fundamental mechanical principles. Construction, use and care of the principal types of farm machinery. Farm power machinery.

5. *Soil Fertility.*—Effect of fertility upon yield of crops. Crop rotations. Effect of different systems of farming. Composition and value of fertilizers and manures. Permanent systems of agriculture.

Prerequisite: Chemistry 1.

6. *Soil Physics.*—Effects of different methods of soil treatment upon moisture, texture, aeration, fertility, and productive capacity of the soil. Means of conserving moisture. Power of different soils to hold moisture. Relation of humus to temperature and water-holding capacity.

II. BIBLICAL HISTORY AND LITERATURE

The work of this department covers three years and is required of all students. The purpose is that the student may learn the Bible practically, historically and broadly doctrinally. The courses include a usable analysis and history of the Bible itself, the purpose of its being written, the history contained within the Book, Biblical geography, the literary aspects and relations of the Book and its influence upon civilization. The Bible is the textbook, though other aids are used and lectures are given.

1. *Hebrew and Jewish History.*—Wide reading in the historical books of the Old Testament; confirmation of the Bible by archeology. Two hours a week. Throughout the year.

2. *New Testament History and Literature.*—The life of Christ and the epistles of Paul and the other apostles. Contemporary history. Two hours a week. Throughout the year.

3*a*. *Natural Theology.*—The evidences of the existence of God. Three hours a week. First semester.

3*b*. *Comparative Religion.*—A study and comparison of the leading faiths of the world and an estimate of their relative values. Three hours a week. Second semester.

The last two courses with Ethics constitute the Natural Theology-Ethics course, required of all students in the Senior year.

III. BIOLOGY

1 *a*. *Vertebrate Zoölogy.*—Study of general characteristics of the principal groups. Lectures and recitations. Three hours a week. Laboratory work covering the detailed study of representative forms. Five hours a week. First semester.

1 *b*. *Invertebrate Zoölogy.*—General morphology. Lectures and recitations. Three hours a week. Laboratory work covering representatives of principal groups. Five hours a week. Second semester.

2 *a*. *General Botany.*—Study of morphology of both lower and higher plants. Lectures and recitations. Three hours a week. Laboratory work five hours a week. First semester.

2 *b*. *Ecology.*—Study of general conditions under which plants grow. Some collecting is done and attention given to technology. Lectures and recitations. Three hours a week. Laboratory work five hours a week. Second semester.

Courses 1 and 2 offered in alternate years.

3 *a*. *Comparative Anatomy.*—A comparative study of skeletal, muscular, digestive and nervous systems. One or two lectures a week. Laboratory work six to eight hours a week. Three hours' credit is given. First semester.

3 *b*. *Histology.*—Study of tissues. Some attention given to microscopical technique. One recitation a week. Laboratory work seven to ten hours. Second semester.

4 *a*. *Fungi.*—A detailed study of representative forms. Recitations two hours a week. Laboratory work six hours. First semester.

4 *b*. *Algæ.*—A detailed study of representative forms of fresh- and salt-water algæ. Two recitations a week. Laboratory work six hours. Second semester.

IV. CHEMISTRY

1. *General Inorganic Chemistry.*—Lectures and laboratory work. Assignments in text and reference books. Three hours a week. First and second semesters.

Prerequisite: Elementary Physics.

2a. Qualitative Analysis.—Theory and practice. Analysis of unknowns. Three hours a week. First semester.

Prerequisite: Chemistry 1.

2b. Quantitative Analysis.—An introduction to the principal gravimetric and volumetric methods. Three hours a week. Second semester.

Chemistry *2a* is prerequisite.

3. *Organic Chemistry.*—A study of the principal carbon compounds. Adapted to the needs of agricultural or medical students. Lectures and laboratory work. Three hours a week. First and second semesters.

Prerequisite: Chemistry 1, *2a* and *2b*.

V. ENGLISH LANGUAGE AND LITERATURE

1. *Rhetoric and Composition.*—Study of the elements and qualities of style and their practical application. Short daily or semi-weekly themes on assigned subjects. Criticism by the class. Study of specimens of prose, prescribed reading and reports. Three hours a week. First semester.

1*a. Elements of Literary Criticism.*—Analysis of the principal kinds of literature. Study of specimens of prose and poetry. Weekly themes. Three hours a week. Second semester.

2. *History of English Literature.*—A general survey of the History of English Literature from the earliest times to the present. Wide reading from selected masterpieces. Lectures, discussions, recitations and written reports. Three hours a week. Throughout the year.

3. *Shakespeare.*—Brief study of the development of the English Drama. Lectures on Shakespeare as a dramatist. Reading of all the plays. Reports and discussions. Three hours a week. Throughout the year.

4. *The English Drama* (exclusive of Shakespeare) from the Miracle Play to the present time. Three hours a week. Throughout the year.

5. *Eighteenth Century Prose.*—Addison, Steele, Johnson, Swift, Goldsmith. Three hours a week. First semester.

5*a*. *Recent Essayists.*—Matthew Arnold, Ruskin, Walter Pater, Robert Louis Stevenson. Three hours a week. Second semester.

6. *Nineteenth Century Poetry.*—The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First semester.

6*a*. *English Ballads.*—Reading of the old ballads. Modern imitations of the popular ballads. Three hours a week. Second semester.

7. *The English Novel.*—The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading and reports. Three hours a week. Throughout the year.

7*a*. *The Modern Short Story.*—Lectures, prescribed reading and reports. Three hours a week. One semester.

8. *American Literature.*—A general survey of the history of American Literature from colonial times to the present day. Reading from the works of representative authors. Three hours a week. Throughout the year.

8*a*. *Argumentation.*—Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One semester.

9. *Greek and Latin Masterpieces in English.*—Reading in translation of classical epics and dramas. Three hours a week. Throughout the year.

VI. EXPRESSION

First Year.—Technical voice training. Breath control; tone placing; tone projection; freedom, purity, smoothness; development of resonance, flexibility; power and brilliancy of tone; eradication of faults in the use of the voice.

Expressive voice culture; tone color and form; sympathy; beauty; relation of voice to imagination and emotion; voice as an interpreter of mental states.

Analytic study of English pronunciation and enunciation.

Literary interpretation; expressive study of Narration and

Description. Interpretation of Essay, Exposition and Oration. Interpretative study of Epic, Lyric and Dramatic Poetry. Critical analysis. English Literature.

Platform recitations for criticism of voice and deportment.

Physical training; Anatomy and Physiology as applied to voice culture. Personal hygiene, with exercises for the vital organs and for muscular development. Exercises for poise, presence, grace and ease of bearing.

Second Year.—Technical and expressive voice training. Philosophy of Expression. Oratory; its history and theory.

The Drama; Marlowe, Shakespeare, Sheridan and Goldsmith; plots, character studies and interpretation.

Interpretative study of Dickens, Browning, Tennyson, Burns, Scott, Wordsworth and Keats.

Psychology. Physical training. Personal development; character; ethics; manners. Platform art. Public reading. Impersonation. Character delineation. Dialect. Monologue. Interpretative recitals.

VII. FRENCH LANGUAGE AND LITERATURE

A. *Elementary French.*—Thorough drill in the fundamental principles of the French language. Grammar, easy reading and composition. Three hours a week. First semester.

A-1. Reading and translation of such easy French classics as Musset's "Pierre et Camille"; Mairet's "La Tache du Petit Pierre"; Bruno's "Tour de la France par deux Enfants." Grammar and composition work. Three hours a week. Second semester.

1. *Advanced French.*—Reading and translation of such French prose as Hugo's "La Chute"; Sand's "La Mare au Diable"; Helevy's "L'Abbe Constantin," etc., and the easier comedies of Dumas, Moliere, Corneille, Scribe, etc. Three hours a week. Throughout the year.

2 a. *French Dramatic Literature.*—Comedies of Moliere and Corneille and tragedies of Racine and Hugo and others are read, supplemented with lectures upon the development of the French drama. First semester.

2b. *French Prose and Poetry.*—Extended reading of the best prose and poetry. Three hours a week. Second semester.

3. *History of French Literature.*—Text-book work, supplemented by lectures, reading and written reports. One hour a week. Throughout the year.

4. *Reading and Study of the Comedies of Moliere.*—Two hours a week. Throughout the year.

5. *Victor Hugo.*—Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Two hours a week. Throughout the year.

VIII. GERMAN LANGUAGE AND LITERATURE

A. *Elementary Course.*—Rudiments of grammar, with frequent prose exercises. Memorizing of poems and drill in pronunciation and conversation. Read during 1911-1912 Hillern's Höher als die Kirche, Storm's Immensee, Schiller's Neffe als Onkel, Moser's Biblioteckar. Throughout the year, five hours a week.

1. *Intermediate Course.*—Review of grammar. Prose composition. Read during 1911-1912 Lessing's Minna von Barnhelm, Schiller's Maria Stuart, Die drei kleinen Lustspiele, Heyse's Mädchen von Treppi, Reise nach der Glück, Baumbach's Der Schwiegersohn. Fossler's Practical Conversational German. Class also gave the plays, Günstige Vorzeichen and Die Vogelorgel. Throughout the year, four hours a week.

2. *Advanced Course* in reading German classics. Translations in class. Reading of assigned texts, with prose synopsis of the same in German. Throughout the year, three hours a week.

IX. GREEK LANGUAGE AND LITERATURE

A. *Elementary Greek.*—The first semester is devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the verb and to word formation. In the second semester Xenophon's Anabasis is begun. Composition, both oral and written, throughout the year.

Five hours a week. Open to those students who have not had Greek before entering college and who are candidates for the degree of Bachelor of Arts.

1. *Xenophon.*—Anabasis, Books II-IV. Careful study of the text. Thorough drill in syntax, pronunciation and word formation. Reading at sight. Selections from the Hellenica. Three hours a week. Throughout the year. See Course 6.

2*a*. *Lysias.*—Selected orations. Thorough study of the text, with lectures upon the development of oratory in Greece. Athenian law courts. Three hours a week. First semester.

2*b*. *Plato.*—Apology and Crito. Study of the text, with sight reading in Xenophon's Memorabilia. Informal lectures upon the life and teaching of Socrates. *Homer.*—Three books of the Iliad. Careful attention given epic forms and constructions, with lectures. Three hours a week. Second semester.

3*a*. *Homer.*—Four books of the Odyssey. Rapid reading of other portions of the Odyssey, with lectures upon Greek life in the Epic Period. Three hours a week. First semester.

3*b*. *Demosthenes.*—Philippics and Olynthiacs. Study of the text, with lectures upon the Attic orators and the historical situation. *Sophocles.*—Antigone. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Second semester.

4*a*. *Aristophanes.*—One play studied carefully in the text, with rapid reading of other plays in translation; development of the comic drama. Three hours a week. First semester.

4*b*. *Lyric Poets.*—Selections from Sappho, Alcaeus, Simonides, Pindar and other lyric poets. Lectures upon the rise and development of poetry of Greece. *Plato.*—Republic. Study of the text, with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Three hours a week. Second semester.

5. *Greek Life.*—Lectures and text-book work upon the private life of the Greeks. Child life, education, amusements, marriage, and the position of the citizen in the State are treated. One hour bi-weekly throughout the year.

6. *Greek Composition.*—Thorough drill in writing connected discourse in Greek, together with occasional oral work. One hour a week. Throughout the year.

7. *Greek Composition.*—Advanced work in writing connected discourse in Greek. One hour a week. Throughout the year.

8. *New Testament Greek.*—Selections from the Pauline Epistles, Acts of the Apostles and the Gospels, read with a view to the mastery of Hellenistic Greek. Two hours a week. Throughout the year.

X. HISTORY

1 *a. Greece and Rome.*—From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First semester.

1 *b. European History.*—Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second semester.

2 *a. American History to 1814.*—Colonial and local government; intercolonial wars; slavery; the Revolution; the organization of the National Government and its administrative development. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First semester.

2 *b. Political and Constitutional History of the United States since 1814.*—Extension of territory; the bank controversy; the Civil War; the period of reconstruction; present-day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second semester.

3. *English Constitutional History.*—Text-book, collateral reading in the sources. Two hours a week. Throughout the year.

4. *History of France.*—The important epochs in the development of the French people are treated by text-book and lectures. Important events in Italian, Spanish and Portuguese history also receive attention. Collateral reading. Two hours a week. First semester.

4*b*. *History of Germany.*—The important epochs in the development of the German people, together with the leading events of Sweden, Denmark and Holland, especially as these latter bear upon European history in general, are treated by text-book and lectures. Collateral reading. Two hours a week. Second semester.

XI. LATIN LANGUAGE AND LITERATURE

1*a*. *Livy.*—Selections from Books I, XXI, XXII. Careful reading of the text, with lectures upon early Roman history. Three hours a week. First semester.

1*b*. *Cicero.*—Selections from his letters. Lectures upon the last period of the Republic, with the definite aim to grasp firmly its revolutionary character. *Tacitus.*—Germania and Agricola. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in Germany and Britain. Three hours a week. Second semester.

2*a*. *Horace.*—Odes and Epodes. Lectures upon the life of Horace, with a discussion of the chief characteristics of his lyrical works. Three hours a week. First semester.

2*b*. *Catullus, Tibullus and Propertius.*—Careful reading of selected poems, with discussion of form and poetical value. *Horace.*—Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers and modern satirists. Three hours a week. Second semester.

3*a*. *Origin of Latin Poetry and Development of the Drama.*—Readings from Plautus and Terence. Three hours a week. First semester.

3*b*. *Cicero.*—Brutus, with readings from Quintilian. Lectures upon the prose of the early period of the Republic. *Tacitus.*—Reading from the Annals, with lectures upon the prose of the Silver Age. Three hours a week. Second semester.

4*a*. *Pliny.*—Selections from his Epistles. Lectures upon the period. Two hours a week. First semester.

4*b*. *Juvenal and Martial.*—Selections, with lectures upon the development of satire from Horace to Juvenal. *Cicero.*—

Virgil. Special elective for teachers of Latin. Two hours a week. Second semester.

5. *Roman Life.*—Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the home, at play, at school, and when he has taken his place in the State. One hour, bi-weekly. Throughout the year.

6. *Latin Composition.*—Thorough drill in writing connected Latin discourse, with occasional oral work. One hour a week. Throughout the year.

7 *a.* *Cicero.*—De Senectute and De Amicitia. Three hours a week. First semester.

7 *b.* *Terence and Plautus.*—Selected plays. Three hours a week. Second semester.

XII. MATHEMATICS AND ASTRONOMY

1. *Required Freshman Course.*—Five hours a week.

a. *Review Algebra.*—Eight weeks. First semester.

b. *Trigonometry.*—Ten weeks. First semester.

c. *College Algebra.*—Second semester.

Texts.—McCurdy's Review in Algebra, Granville's Trigonometry, Hawk's Advanced Algebra.

2. *Sophomore Course.*—Required in the Scientific Course, elective in Philosophical and Classical Courses. Three hours a week.

a. *Analytical Geometry.*—First semester.

b. *Differential and Integral Calculus.*—Second semester.

Texts.—Nichol's Analytical Geometry, Osborne's Calculus.

3. *Advanced Mathematics.*—Three hours a week. Students qualified may arrange to take advanced work in Higher Differential and Integral Calculus, Determinants, Theory of Equations, Mechanics, Differential Equations, etc.

4. *Historical, Pedagogical and Review Course.*—Two hours a week. Throughout the year. Work based on such texts as Fink's History of Mathematics, Smith's Teaching of Elementary Mathematics, Cracknell's Practical Mathematics.

ASTRONOMY — GEOLOGY.

Course for Juniors and Seniors.—Four hours a week. Throughout the year.

a. Astronomy.—First semester.

b. Geology.—Second semester.

Texts.—Young's Manual of Astronomy, Norton's Elements of Geology. Outside reading from various sources.

XIII. PHILOSOPHY

1 *a. Logic.*—Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First semester.

1 *b. Psychology.*—This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second semester.

2. *Ethics.*—The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Three hours a week. One semester.

3. *History of Philosophy.*—A development of philosophical thought from its beginnings in Greece down to modern times. Special attention is given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the Middle Ages are dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him are considered at length. The work is not merely analytical, but also constructive. Lectures, collateral reading, essays. Three hours a week. Throughout the year.

4 *a. German Philosophy.*—A careful study of Kant's Critique of the Pure Reason, together with supplementary reading in his other works and lectures upon Fichte, Schelling, Hegel and Schopenhauer. Three hours a week. First semester.

4*b*. *British Philosophy.*—The development of British thought from Bacon to Spenser. Special attention given to Locke, Berkeley and Hume. Lectures, readings in the sources, essays. Three hours a week. Second semester.

XIV. PHYSICS

1*a*. *Mechanics, Molecular Physics, and Heat.*—Lectures and laboratory. Three hours a week. First semester.

1*b*. *Electricity, Sound, and Light.*—Lectures and laboratory. Three hours a week. Second semester. Courses 1*a* and 1*b* constitute the first year of College Physics, and are prerequisite to other courses.

2. *Advanced Physics.*—Special branches of Physics, to be selected, will be studied more in detail than in the first year's work. Three hours a week. First and second semesters.

Prerequisite: Calculus.

XV. SOCIAL AND POLITICAL ECONOMY

1*a*. *Sociology.*—Brief survey of social evolution and the structure of society. Special attention is given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First semester.

1*b*. *Economics.*—Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages and taxation. Three hours a week. Second semester.

2*a*. *American Government.*—This course aims to present in clear outline the national, state and municipal governments within the United States. Text-book, lectures and collateral reading. Three hours a week. First semester.

2*b*. *Practical Economics.*—The aim of this course is to study in detail such subjects as money and banking, public finance — both national and local, — the labor movement, industrial corporations and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second semester.

3. *International Law.*—A study of the fundamental principles governing the relations of nations, both in peace and in war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. First semester.

3*c*. *Social Problems.*—A study of some of the most prominent problems of the present day. Three hours a week. Second semester.

XVI. SPECIAL COURSES FOR BUSINESS TRAINING

Bookkeeping.—Single and double entry; constant use of all the usual and special blanks required in ordinary business; frequent trial balances and statements; actual business practice. Each student works independently and progress is rapid or slow, according to the ability and application of the student.

Stenography.—The Graham-Pitman system of shorthand is used.

Commercial Law.—The essentials of commercial principles as enforced by law.

Commercial Arithmetic.

English and other subjects are taken with the regular Academy and College classes.

OUTLINE OF COLLEGE COURSES

(The number following the name of a course refers to its number under its department. The figure in parentheses gives the number of recitation periods a week.)

FRESHMAN

Classical	*Philosophical*	*Scientific*
English 1.....(3)	English 1.....(3)	English 1.....(3)
Mathematics 1...(5)	Mathematics 1...(5)	Mathematics 1...(5)
Latin 1.....(3)	Latin 1.....(3)	Biology 1.....(3)
Gr'k 1 & 7 (A*).(4)	German 1.....(4)	German 1.....(4)
Chemistry 1....(3)	Chemistry 1....(3)	Chemistry 1....(3)

Eighteen hours required in the Freshman year.

*Freshmen from accredited schools may take Greek A five times a week. Four hours college credit is given.

SOPHOMORE

English 2.....(3)	English 2.....(3)	English 2.....(3)
Biology 1.....(3)	Biology 1.....(3)	Biology 2.....(3)
Euro. Hist. 1...(3)	Euro. Hist. 1...(3)	Euro. Hist. 1...(3)
Bib. Lit. 1.....(2)	Bib. Lit. 1.....(2)	Bib. Lit. 1.....(2)
Gr'k 2 (or 1 & 7) (4)	German 2.....(3)	Mathematics 2..(3)

SOPHOMORE ELECTIVES

Latin 2.....(3)	Latin 2.....(3)	German 2.....(3)
*French or	*French A.....(3)	*French A.....(3)
German A..(3)	Mathematics 2..(3)	Agriculture 1...(3)
Adv. Chem. 2..(3)	Adv. Chem. 2..(3)	Adv. Chem. 2..(3)
Mathematics 2..(3)		

Fourteen hours required in the Sophomore year and three additional to be elected, except in Classical Course, where fifteen hours are required, and at least two to be elected.

*If elementary German or French is taken with Academy students five times a week it counts only three hours as a college credit.

JUNIOR

Classical	*Philosophical*	*Scientific*
Political Sci. 2. (3)	Political Sci. 2. (3)	Political Sci. 2. (3)
Philosophy 1 ... (3)	Philosophy 1 ... (3)	Philosophy 1 ... (3)
English 3 ..... (3)	English 3 ..... (3)	Physics 1 ..... (3)
Mod. Lang. ..... (3)	* Mod. Lang. ... (3)	* Mod. Lang. ... (3)
Bib. Lit. 2. ..... (2)	Bib. Lit. 2. ..... (2)	Bib. Lit. 2. ..... (2)

JUNIOR ELECTIVES

Greek 3 (or 2). (3)	Mod. Lang. ..... (3)	Mod. Lang. ..... (3)
Biology 2. ..... (3)	Biology 2. ..... (3)	Biology 3. ..... (3)
Math. 2 or 3 ... (3)	Math. 2 or 3 ... (3)	Agriculture 2. .. (3)
Latin 3. ..... (3)	Latin 3. ..... (3)	English 3. ..... (3)
		Mathematics 3. . (3)

Fourteen hours required in the Junior year and three additional to be elected.

* French if three years German have been taken.

SENIOR

Social Sci. 1. ... (3)	Social Sci. 1. ... (3)	Social Sci. 1. ... (3)
Philosophy 3 ... (3)	Philosophy 3 ... (3)	Philosophy 3 ... (3)
Astron.-Geo. ... (4)	Astron.-Geo. ... (4)	Astron.-Geo. ... (4)
Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)

SENIOR ELECTIVES

English 4. ..... (3)	English 4. ..... (3)	English 4. ..... (3)
Modern Lang. .. (3)	Modern Lang. .. (3)	Modern Lang. .. (3)
Adv. Hist. ..... (3)	Adv. Hist. ..... (3)	Adv. Hist. ..... (3)
Math. 3 or 4 ... (3)	Math. 3 or 4 ... (3)	Mathematics 4. . (3)
* Greek 3. ..... (3)		

Thirteen hours required in the Senior year and three additional to be elected.

* Required of classical students who begin Greek in the Freshman year.

THE ACADEMY

THE work of the Academy prepares students to enter Blackburn College or any similar institution of higher learning. The instruction is thorough, given by the regular professors of Blackburn College. Three courses are offered, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and are classified in the catalogue according to the major part of their work. Those not in regular standing in any class are urged to make up the deficiency as early as possible.

Diplomas are granted only to those who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma is granted to any student for less than a year's resident work.

Students who, at the end of their Senior year in the Academy, have finished all but one or two subjects will be granted diplomas when the work is complete. This will ordinarily be one year later.

I. BIBLE

A. *Bible Study.*—Introduction to some of the simple but important facts and truths of the Bible. Reading, both in private

and in the class room, of selected portions of both the Old and New Testaments. One hour a week. Throughout the year. Required of all students in the first and third years.

B. *Bible Study.*—Work similar to Course A, but different parts of the Bible selected. One hour a week. Throughout the year. Required of all students in the first and third years. This course alternates with Course A.

II. ENGLISH

The work in this department aims to familiarize students with the best English and American literature. Thorough drill is given in the foundations of the English language.

A. *Advanced Grammar.*—Composition and Rhetoric. Study of the short story. Readings from selected English and American authors. Five hours a week. Throughout the first year.

B. *Composition and Rhetoric.*—History of American literature, with readings from selected American authors. Five hours a week. Throughout the second year.

C. *Theme Work.*—History of English literature. Reading, both in private and in the class, of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. (See English requirements for admission to the Freshman class.) Daily dictations. Five hours a week. Throughout the third year.

III. FRENCH

A. *Elementary French.*—The same as French A in the College. Five hours a week. Throughout the fourth year.

IV. GERMAN

A. *Elementary German.*—The natural method is used, and the class work is sometimes conducted entirely in German. Worman's First German Book or a similar work is followed. Daily dictations. Five hours a week. Throughout the fourth year.

V. GREEK

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course — that is, have studied both Latin and Greek — have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department, while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the course.

A. *Elementary Greek.*—The same as Greek A in the College. Five hours a week. Throughout the fourth year. Required of all students intending to take the degree of Bachelor of Arts.

VI. HISTORY

This department aims not to cram students with unrelated facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the human race.

A. *Ancient History.*—History of nations to the beginnings of Modern History. Text-book and supplementary readings in larger works. Five hours a week. First or third year.

B. *English History.*—From the earliest times to the present. Text-book, with parallel readings in larger works. Five hours a week. First or third year.

C. *American History.*—From the discovery of North America to 1909. Text-book and recitations. Readings from source books. Five hours a week. First or third year.

VII. LATIN

This department gives thorough preparation for College Latin, offering full courses in Latin Grammar, Com-

position and Translation. Emphasis is laid upon correct, idiomatic English translation, and, in Virgil, upon fluency also. Special attention is paid to the Latin derivatives in common use in the English language.

A-1. *Beginning Latin.*—A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Special attention is given to pronunciation, inflection and the fundamental forms of Latin Grammar. Composition, both oral and written, and drill in accurate translations. Five hours a week. First and part of second semester.

A-2. *Via Latina.*—Collar's Via Latina or equivalent is read and carefully studied. Special attention is given to the application of Grammar. Composition and drill in idioms preparatory to Cæsar. Five hours a week. Second semester.

B-1. *Caesar's Gallic War, Books I-IV.*—A reading course covering the first four books of Cæsar's Gallic War. Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and part of second semester.

B-2. *Sallust's Catiline.*—Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Second semester.

C-1. *Cicero.*—The four orations against Catiline, Archias and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought. Composition based on text. Five hours a week. First semester.

C-2. I. *Ovid.*—Selections from Ovid, with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Second semester.

D. *Virgil.*—Books I-VI of the Æneid are carefully read, portions scanned and rendered into metrical English. A systematic and thorough review of Latin Grammar; Latin Composition. Five hours a week. Throughout the fourth year.

VIII. MATHEMATICS

A. *Arithmetic.*—One year. Five hours a week. Adapted to those who have not completed the work in High School or wish to review preparatory to teaching.

B. *Algebra.*—One year. Five hours a week. Beginners' course to quadratics.

Text.—Hawk's, Luby and Tuton.

C. *Geometry.*—One year. Five hours.

Text.—Wentworth and Smith.

IX. SCIENCE

A-1. *General Science, or Physiography.*—A first course, introducing the student to the subject matter and method of science. Recitations, laboratory, and field work. Five hours a week. First semester.

A-2. *Elementary Botany.*—An introduction to the study of plant life. Recitations, laboratory practice, and field work. Five hours a week. Second semester.

B-1. *Elementary Zoölogy.*—An introduction to the study of animal life. Recitations, laboratory practice, and field work. Five hours a week. First semester. Second year.

B-2. *Physiology.*—A study of the human body, its constructions, functions and needs. Recitations and laboratory work. Five hours a week. Second semester. Second year.

C. *Physics.*—An introductory course, including recitations and laboratory work. Five hours a week. First and second semesters. Third year.

OUTLINE OF ACADEMY COURSES

(Letters following the name of a course indicate its position in its department. All subjects are five hours a week except Bible, one hour a week.)

First Year.	*Second Year.*	*Third Year.*	*Fourth Year.*
Latin A.	Latin B.	Latin C.	* Latin D.
English A.	English B.	English C.	Greek A or
Hist. A or B.	Science B.	Hist. B or C.	Mod. Lan. A.
Science A.	Math. A.	Math. B.	Science C.
Bible A.		Bible B.	Math. C.

* Scientific students may substitute a modern language, although strongly advised to take fourth year Latin.

MUSIC DEPARTMENT

PIANO COURSE

FIRST GRADE

Studies.....
- Standard Grade Course — W. S. B. Matthews.
- Wieck.
- Scales.

Compositions
- Exercises in writing notes and transposition.
- Kleinmichel: Clavier Spielen (4 hands), 1st book.
- Gurlitt: Op. 18 (4 hands); Low, Dennee, Sartorio (4 hands).

SECOND GRADE

Studies.....
- Duvernoy; Op. 120, 3 books.
- Scales and Arpeggios.
- Czerny.
- Minor Scales.
- Schmoll: Execution, Phrasing, Expression.

Compositions
- Clementi, Kuhlan, Lange and Burgmuller.
- Concone, Sartorio, Heins, Lichner, Dennee.

THIRD GRADE

Studies.....
- Bach: Twelve Little Preludes.
- Heller: Opus 47, 46, 45.
- Mason's Touch and Technique.
- Loeschorn: Op. 66, 3 books.
- Minor Scales.

Compositions
- Selections from Schubert, Weber, Mozart, Beethoven (4 hands).
- Jungman, Jensen, Liebling.
- Godard, Grieg, Sherwood, Mendelssohn.

FOURTH GRADE

Studies.....
- Bach: Two Part Inventions.
- Czerny: Op. 740.
- Taussig: Daily Studies.
- Jensen: Characteristic Studies, Op. 32.

Compositions
- Schubert: Marche (4 hands).
- Grieg, Henselt, Chopin, Chaminade.
- Schubert, Rubinstein, Leschetizky.
- Moskowski, Handel.

FIFTH GRADE

Studies.....
- Bach: French Suites.
- Anglaises.
- Bach: Suites Anglaises.
- Heller: Art of Phrasing, Op. 6.
- Clementi: Gradus ad Parnassum.
- Kullak: Octave Studies.
- Moschelle: Op. 70.

Compositions
- Beethoven, Schubert, Schumann.
- MacDowell, Chopin.
- Moskowski, Meyer-Helmund.
- William Mason.

SIXTH GRADE

Studies.....
- Chopin: Op. 25.
- Bach, Vogrich.

Compositions
- Brahms, Heller, Wagner.
- Liszt, Chopin, Schumann.
- Steiner's Harmony.
- Filmore's History of Music.

VOCAL COURSE

FIRST GRADE

Lessons in breathing and production of tone. Study of intervals and beginning of the study of Messa di Voce. Exercises in Marchesi, Randegger and Concone.

SECOND GRADE

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

THIRD GRADE

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies in Sieber, Marchesi, Lamperti. More difficult songs. Church music.

FOURTH GRADE

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers and selections from oratorio.

Pupils' recitals are held on the third Saturday of each month.

ART

First Year.—Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water-color painting (monochrome) from still life. Perspective.

Second Year.—Drawing from casts, drapery and groups of objects in charcoal and crayon. Pen and ink drawing. Painting from still life in oil and water color. Perspective. Artistic Anatomy.

Third Year.—More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color and pastel. Art History.

Fourth Year.—Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

A special course in china painting is given. The firing is done in the studio.

REGISTER OF STUDENTS

THE COLLEGE

SENIORS—CLASS OF 1912

Nellie Louise Keplinger.....Carlinville
Mildred Elizabeth Rowe.....Carlinville
Evan Lemuel Searcy.....Carlinville
Genevieve Anne Westermeier.....Carlinville

JUNIORS—CLASS OF 1913

Jamie Clifford Donahue.....Plainview
Elizabeth Anne McSherry.....Carlinville
Alma Dorothy Mueller.....Carlinville

SOPHOMORES—CLASS OF 1914

Camille LaRue Cookson.....Carlinville
Hazel Lucile Gore.....Carlinville
William Mayfield Hulse.....Carlinville
Robert L. Stubbs.....Springfield
Hazel Marie Yaeger.....Litchfield

FRESHMEN—CLASS OF 1915

Harry Phillip Bangert.....Carlinville
Mason A. Barcus.....Carlinville
Marie Boring.....Carlinville

Ernest Stanley Brewer.....Carlinville
Margaret Elizabeth Fitzgerald.....Gillespie
Arthur Gieseking.....Carlinville
Helen Marie Homer.....Carlinville
Estelle Dorothy Kahle.....Carlinville
Maurice Paul Phillips.....Carlinville
Guy Dinsmore Ransom.....Lexington
Theresa Renner.....Carlinville
Janet Rinaker.....Carlinville
Margaret Elizabeth Ross.....Carlinville
Mildred Denby Ross.....Carlinville
William Albert Ruegg.....Carlinville
Clara Edith Sharp.....Carlinville
Lorine Freda Surman.....Carlinville
Paul Dewey Tongate.....Carlinville

THE ACADEMY

FOURTH YEAR—CLASS OF 1912

Martha Bessie Brewer.....Carlinville
William Kahle.....Carlinville

THIRD YEAR—CLASS OF 1913

Perry Anderson.....Carlinville
Harry William Bartels.....Carlinville
Thomas K. Hounsley.....Carlinville
Thomas Winfred Legate.....Elsah
Hugo H. M. Mason.....Carlinville

SECOND YEAR—CLASS OF 1914

Leslie T. Corn.....Carlinville
Edna Virginia Donahue.....Plainview
Thomas Hopkins English.....Gillespie
Mittie Estelle Harris.....Nilwood
Edward Jones.....Virden
Augustus Tieman.....Macoupin

FIRST YEAR—CLASS OF 1915

James Anderson.....Carlinville
Clay Boyd.....Carlinville
Elizabeth Almyra Brown.....Carlinville
Mary Kathleen Burke.....Carlinville
Lieda Gillman.....Carlinville
Lincoln Loveless.....Carlinville
Ruth Inez Murphy.....Nilwood
Paul Frank Plummer.....Carlinville
Chester Arthur Yard.....Carlinville

SPECIAL STUDENTS

Otto Henry Droste.....Mt. Olive
Theodore Gehner.....Mt. Olive
Charles C. Gerhart.....Carlinville
Robert Giberson.....Carlinville
Eva Hoehn.....Carlinville
William E. Lee.....Reader
Otto Loehr.....Carlinville
Mamie Loveless.....Nilwood
Kate McNichols.....Carlinville
Margaret Murphy.....Carlinville
Mary Murphy.....Carlinville

Eunice Sellars.....Carlinville
Herschel Thompson.....Carlinville
Perly Winter.....Nilwood

MUSIC DEPARTMENT

VOCAL

James Anderson.....Carlinville
Mary Van Anderson.....Carlinville
Mable Beavers.....Carlinville
Dwight Burton.....Girard
Edna Chiles.....Carlinville
Mrs. William Christopher.....Shipman
Marguerite Davenport.....Carlinville
Mrs. Abbie S. Deeds.....Carlinville
Lucetta Drosten.....Carlinville
Belle Giberson.....Carlinville
Matilda Gierer.....Carlinville
John Gleiber.....Carlinville
Clarence Graham.....Carlinville
Mrs. John Kelsey.....Shipman
Mrs. Clarence Kime.....Girard
Mrs. Rose Melvin.....Carlinville
Mrs. Mable Murphy.....Nilwood
Paul Post.....Girard
Lincoln Reber.....Carlinville
Irene Robbins.....Girard
Anita Robison.....Carlinville
Mildred Rowe.....Carlinville
Sophia Sacre.....Carlinville

Eunice Sellars.....Carlinville
Beatrice Smith.....Carlinville
Bernard Stengl.....Carlinville
Mrs. Edward Stottler.....Carlinville
Mr. Theimeyer.....St. Louis
Mrs. Harry Tietsort.....Girard
Florence Westermeier.....Carlinville
Mrs. Bert Wilson.....Carlinville

INSTRUMENTAL

Melba Alexander.....Carlinville
Zoe Arnett.....Carlinville
Will Floyd Behrens.....Carlinville
Minnie Cohn.....Virden
Tillie Cramer.....Brighton
Freda Dehne.....Brighton
Helen Denby.....Carlinville
Lillie Diesel.....Carlinville
Garnett Evans.....Gillespie
Elizabeth Fitzgerald.....Gillespie
Mary Flori.....Carlinville
Genevieve Gore.....Carlinville
Elizabeth Harkins.....Carlinville
Beatrice Hartley.....Carlinville
Emily Jordan.....Carlinville
Judith Jordan.....Carlinville
Alvarita Kasten.....Carlinville
Buenita Kasten.....Carlinville
Alma Maxeiner.....Brighton
Harriet McClure.....Carlinville
Louise Mueller.....Carlinville
Ruth Murphy.....Nilwood

Roy Parker.....Carlinville
Purcell Peck.....Carlinville
Don Peebles.....Carlinville
Genevieve Peebles.....Carlinville
Martha Ellen Peebles.....Carlinville
Blanche Rhoads.....Brighton
Mildred Ross.....Carlinville
Helen Searcy.....Carlinville
Daniel Sexton.....Carlinville
Elmer Sexton.....Carlinville
Evelyn Sexton.....Carlinville
Marion Turnbull.....Carlinville
Margaret Vaughn.....Carlinville
Cornelia Weiss.....Carlinville
Anita Young.....Carlinville

ART DEPARTMENT.

Mrs. Allen.....Girard
Mrs. Bates.....Carlinville
Martha Burke.....Carlinville
Eldred Cress.....Carlinville
Faye Fanning.....Carlinville
Ruth Higley.....Grand View, Iowa
Mrs. E. Ibbetson.....Carlinville
Zella Kessinger.....Carlinville
Maryon Mounts.....Carlinville
Alma Mueller.....Carlinville
Mrs. C. M. Otwell.....Carlinville
Purcell Peck.....Carlinville
Carter Peebles.....Carlinville

Janet Rinaker.....Carlinville
Margaret Ross.....Carlinville
Regina Sexton.....Carlinville
Edith Sharpe.....Carlinville
Stella Steinmeyer.....Carlinville
Bernard Stengl.....Carlinville
Helen Steward.....Carlinville
Hope Tongate.....Carlinville
Robert Turnbull.....Carlinville
Geraldine Woodward.....Carlinville
Hazel Yaeger.....Litchfield

SUMMARY

COLLEGE:

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Total		146

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1912/13

Vol. VIII MAY 1913 No. 1

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MAY 1 1913

Bulletin

OF

Blackburn College

Carlinville, Illinois

(60 Miles North of St. Louis)

The Only Self Help College in Illinois

UNIVERSITY OF ILLINOIS
SEP 7
PRESIDENT'S OFFICE

Published by Blackburn University, May, September, December and March. Entered as second class matter June 6, 1906, at the post office at Carlinville, Ill., under the act of Congress of July 16, 1894.

Blackburn College Bulletin

Prospectus

of

SELF HELP PLAN

and Tuition Students

1913-14

For Details See Pages 8-11
Read Pages 15-16

BOARD OF TRUSTEES

OFFICERS OF THE BOARD

REV. IRA W. ALLEN, D. D., PRESIDENT
HON. THOMAS RINAKER, SECRETARY
HON. FRANK W. BURTON, TREASURER

THE BOARD

HON. THOMAS RINAKER	Carlinville
A. H. BELL, ESQ.	Carlinville
HON. FRANK W. BURTON	Carlinville
REV. CHARLES M BROWN, D. D.	Joliet
THEODORE C. LOEHR	Carlinville
REV. THOMAS D. LOGAN, D. D.	Springfield
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CHARLES H. BURGDORFF	Carlinville

PRUDENTIAL COMMITTEE

IRA W. ALLEN — A. H. BELL
FRANK W. BURTON — THOMAS RINAKER
CHARLES M. BROWN

Corporate Name:—The Blackburn University
Chartered 1857

Calendar for 1913-14

First Semester

September 16, 17, Tues., Wed., 9 A. M. . . . . Registration
1:30 P. M. . . . Entrance Examinations
September 18, Thursday, 8:20 A. M. . Instruction Begun
November 27, 28, Thurs., Fri. . . . Thanksgiving Recess
December 1, Monday, 10 A. M. . . . . Instruction Resumed
December 19, Friday, 4 P. M. . . Christmas Recess Begun

1914

January 5, Monday, 10 A. M. . . . . Instruction Resumed
February 2-5, Mon. to Thurs. . . Semester Examinations

Second Semester

February 9, Monday, 9-12 A. M. . . . . Registration
February 9, Monday, 1:15 P. M. . . . . Instruction Begun
February —, Thursday. . . . Day of Prayer for Colleges
June 3-5, Wednesday-Friday . . . Semester Examinations
June 7, Sunday . . . . . Baccalaureate Exercises
June 9, Tuesday, 10 A. M., Meeting of Board of Trustees
June 10, Wednesday, 10:30 A. M. . . . . Commencement

FACULTY

REV. WM. M. HUDSON, PH. D., D. D.
PRESIDENT
Philosophy and Ethics

REV. F. W. McCLUSKY, A. B.
DEAN OF MEN
English and History

W. A. CHALLACOMBE, M. S.
Mathematics

CHARLES HENRY SAYLOR, PH. D.
Latin and Greek

MRS LUCY M. GAINES, A. M.
English

CARL COLVIN, B. S.
Science and Agriculture

EMMA SPARKS
Household Science and Economics

REV. D. R. JONES, A. B.
Sociology and English Bible

French and German

REV. HUGH JACK, D. D.
Blackburn Professor of Theology

MRS. AGNES COVERT KNAPP
Art

MRS. ROBERT O. PURVIANCE
Piano

MRS. ABBIE B. GORE
Voice

MRS. F. W. McCLUSKY
DEAN OF WOMEN

WILLIAM FRICKE
FARM SUPERINTENDENT

Requirements for Admission

All candidates for admission to the college must, before examination, present satisfactory testimonials of good, moral character, and students coming from other institutions must produce certificates of regular dismission.

Students from academies and high schools whose courses of study have been approved by the Faculty, are admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first half-semester of attendance of those so received is considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

Admission to the Freshman Class

Applicants must offer credits for fifteen units of high school or academy work. A unit means a year's work in some subject, with five forty-five minutes period recitations a week.

The following units are required:

English	3 units
Algebra	1½ units
Plane Geometry	1 unit
History	1 unit
Science	1 unit
Foreign Languages	3 units

The remaining 4½ units are elective.

Subjects offered in standard high schools or academies will be accepted.

COURSES OF STUDY

FRESHMAN

CLASSICAL		SCIENTIFIC	
Eng.—Rhetoric and Bible Themes	3	English—Same as Classical	3
Mathematics—College Alg. and Trigonometry	4	Mathematics " "	4
Chemistry—Inorganic	4	Chemistry " "	4
Latin—Livy and Tacitus	3	Biology—Zoology	3
Greek—Homer, Iliad I—IV	4	German—Same as Classical	4
German—Prose and Easy Classics, Themes	4	French " "	4
French—Reading			

SOPHOMORE

English—Literature and Themes	3	Chemistry—Same as Classical	3
Biology—Botany	3	Biology " "	3
Bible	2	Bible " "	2
History—European	3	Mathematics " "	3
Agriculture	3	Agriculture " "	3
Chemistry—Organic	3	Dom'c Science " "	3
Domestic Science	3	English " "	3
German—Classics and Themes	3	German " "	3
Greek—Lysias and Demosthenes	3	French " "	3
French—Reading	3	History " "	3
Latin—Horace and Juvenal	3		
Math—Analytics and Calculus	3		

JUNIOR

Political Economy	3	Ethics—Bible	3
Psychology	3	Philosophy	3
English—Literature and Themes	3	Astronomy and Geology	4
Bible	2	English—Shakespeare	2
Greek—Plato and Aristophanes	3	Principles of Education	2
Latin—Plautus and Terence	3	History—English and American	3
German—Reading	3	Greek—Aeschylus and Sophoc's	3
French—Reading	3	Latin—Lucretius	3
Biology	3	German—Reading	3
Mathematics—Advanced	3	French—Reading	3
Physics—College	3		

SENIOR

THE ACADEMY

The work of the academy prepares students to enter Blackburn College or any similar institution of higher learning.

Students are permitted to enter any class for which they are prepared, and are classified in the catalogue according to the major part of their work. Those not in regular standing in any class are urged to make up the deficiency as early as possible.

Diplomas are granted only to those who have completed sufficient work to enable them to matriculate in Blackburn College. No diploma is granted to any student for less than a year's resident work.

Outline of Academy Courses

FIRST YEAR		SECOND YEAR	
1st. Latin—Bennett's	5	Caesar—Books I—IV	5
El. Rhetoric	5	Am Lit. and Themes	5
1st. Algebra—to quadratics	5	Plane Geometry	5
Ancient History	5	El. Zoology—El. Botany	5

THIRD YEAR		FOURTH YEAR	
Cicero—6 Orations	5	Eng Themes	5
Eng. Lit. and Themes	5	Bible	2
El. Physics	5	2d, Alg. (quadratics)—Sol. Geom.	5
Eng and Am. History	5	Virgil—Aenid I—VI	5
1st Greek—White	5	2nd. Greek—Anabasis I—IV	5
1st. German—Joynes—Meissner	5	2nd. German—Reading—Comp.	5
1st. French	5	2nd. French—Reading	5
		Agriculture	5
		Domestic Science	5

The Only Self He

The Self Help Plan

The purpose of this plan is to enable young men and young women to obtain a college training who would otherwise be denied that privilege. In practically all our colleges a few young people are earning their way, but the purpose here is so to arrange the life of the institution that all students who live in our dormitories can be earning and learning at the same time.

The young woman's dormitory will be both a home and a laboratory. The work there will be done by them under the direction of the domestic science teacher. In this way the young women will learn the science of home making, perfect themselves in the art and materially reduce their expenses.

In the same manner the young men will learn farming, dairying, gardening, etc., under a skilled agriculturist, and will also provide food for the college commons, where the students will have their meals together. The purpose of the plan is not to make the labor of the students remunerative merely, but to make their labor cultural.

The three hours spent by our students each day in work with their hands will not be wasted hours, for the students will be learning lessons here that will be of value to them always.

Helps Students

Unique Features

I.—Offers a high grade college education for one hundred dollars per annum.

This includes room, heated with steam and furnished (except bedding), board and tuition.

II.—A college community in which students work three hours a day at some profitable and educative labor.

III.—A fund of twenty-three thousand dollars to educate young men in college for the Presbyterian ministry.

The charge per year to such is fifty dollars.

It's Not Cheap—It's Different

NOTE—Those who prefer not to avail themselves of the self help plan are referred to page 12 for information.

The Blackburn Community

Rev. F. W. McClusky and his family will live on the first floor of the dormitory annex. Prof. McClusky and Mrs. McClusky are both graduates of Park College, where the self help plan has been developed so successfully, and for the past nine years have been in charge of Union Academy, at Anna. It will be a great privilege to our students to have such earnest, Christian people stand to them in loco parentis. Parents sending their sons and daughters to Blackburn can rest assured that they will be well cared for.

Students will not be paid so much per hour in this Community, but all students will work three hours daily, without regard to the kind of work. Each is to work for the good of all and no distinctions will be made. Young people who are unwilling to work with their hands should not consider joining this Community.

The work will be quite varied. The young women will find their work in their dormitory and the college offices. The young men will care for the buildings and campus, and be occupied in the college dairy, gardens or farm.

The government of the Community will be vested in the students.

Each evening after supper all will gather in the assembly hall for worship. The spiritual life of the students will be a factor in the Community.

Don't fail to read pages 15 and 16

Questions Answered

I. Who Can Join "The Blackburn Community"?

a—Those who need to earn a large part of their college expenses.

b—Those who can provide during the year one hundred dollars, to pay for room, board and tuition. Or fifty dollars if students for the Presbyterian ministry.

c—Those who are strong enough to do three hours manual labor daily.

d—Those who are willing to answer the questions asked on pages fifteen and sixteen.

All students should read pages 15 and 16.

II.—What Must Students Furnish?

The rooms accommodate two students and the beds are double beds. They are furnished with all necessary furnishings, but students will need to bring articles for decoration, if such are used. They must also provide two pairs of blankets, or one pair of blankets and a comfort, a pillow and a pair of pillow cases, sheets, towels and three napkins. All linen should be plainly marked.

The young men should provide themselves with a pair of heavy shoes and overalls.

All of these articles can be purchased in Carlinville at reasonable prices.

General Information

THE COURSE is a standard four year course leading to the degree of A. B. Two years' work only are given in science. The new equipment to be added this summer will enable the college to offer thoroughly modern work in science in the freshman and sophomore years.

EXPENSES

The tuition for students who do not care to avail themselves of the self help plan is $25.00 for each semester in the college department—$20.00 for each semester in the academy. An incidental fee of $1.50 each semester is charged.

Rooms in the dormitories will cost two dollars per week and will accommodate two students. Rooms are only available on condition they are not all taken by self help students.

Board will cost three dollars per week.

Location—The college is situated at Carlinville, Illinois, the county seat of Macoupin county, a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton railroad, the main line from Chicago to St. Louis, and a branch east and west, affords access from every direction. The Illinois Traction System, with electric cars hourly from the north and the south, connects Carlinville with Peoria, Danville, Decatur, Springfield and St Louis. Connections may be made over the interurban at Staunton, Gillespie, Girard and Virden with the Wabash, the Big Four and the Illinois Central.

Grounds and Campus –The campus contains ten acres, well shaded by maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are football and baseball grounds and tennis courts. Adjacent to the campus is the college farm of seventy acres. Twenty acres are used by the University of Illinois as an experiment station, and our students have free access to the plats and the results of the experiments. The remainder of the farm will be cultivated by the students

University Hall—This building is being remodeled this summer at a cost of $10,000.00 and will be made very attractive. The first and second floors contain the chapel, the library, the president's office, the Oioparthenian Society hall, the recitation rooms of the departments of Philosophy, Biblical Literature, History, Language and Mathematics; the young ladies' dormitory is located in the north-east wing. In the basement are the college commons, the bath rooms and the heating and lighting plants.

Robertson Hall—Northwest of University Hall stands Robertson Hall, containing, on the first floor, rooms for Biology, Physics and chemistry; on the second floor, the Taylor Museum; on the third floor, the halls of the young men's literary societies.

Minton Observatory—To the west of Robertson Hall is Minton Observatory. In this building is a five-inch equatorially mounted telescope, made by Loomis.

Taylor Museum—More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, and curiosities from foreign mission fields, together with a beautiful collection of shells and corals, are grouped here.

Chemical Laboratory—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry and qualitative analysis.

Physical Laboratory—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

Biological Laboratory—Has been refitted and contains requisite apparatus for academy and two years of college work.

LABORATORY FEES

Biology, per semester	$1 50
Chemistry, per semester	$3.00
Physics, per semester	$3.00
Agriculture, per semester	$2 00
Domestic Science, per semester	$2.00

At the beginning of the year, a deposit of $2.00 is required of young men in the college and academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to the student.

Music—Instrumental and vocal music may be taken under very able teachers of several years experience as teachers. Rate to students, fifty cents per lesson.

The Library—The library embraces works on history, science, linguistics, archaeology, literature and theology. It contains a number of rare books, valuable specimens of the bookmakers' art.

The Dormitories—The dormitories have been newly furnished and are heated by steam and lighted by electricity. They will be made as homelike as possible.

As to furnishing, see page 11.

Application for Admission

to Blackburn College (or Academy)
Carlinville, Illinois

All applicants for admission to Blackburn College (or Academy), Carlinville, Illinois, will fill out in full all blanks below. Rooms in the dormitory will be assigned according to the date on which application is received.

Self help students must also fill blanks on opposite page.

1 *Full name*.....

2 *Address* ....

3 *Nationality* ..... *Age* ... *Health*.....

4 *Are you a graduate of an accredited high school?*

....

5 *If not, send statement signed by your last teacher of exact amount, with grades, of all work you have done above the grammar grades.*

6 *If you desire advanced college standing, send list of your college credits, with grades.*

7 *Do you desire to live in the dormitories?*.....

8 *Give names and addresses of at least two parties as references.*

.....

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The blanks below are to be filled out by applicants who are unable to provide all their college expenses. This does not constitute a pledge to become a student. All must fill out the blanks on the preceding page.

1 *What is your object in seeking an education?* .....

....

2 *To what church do you belong?* .....

3 *What is (or was) your father's occupation?* .....

.....

4 *Do you pledge yourself while in Blackburn to three hours of manual labor daily?* ....

5 *To total abstinence from alcoholic liquors, tobacco and profanity?* .....

6 *Not to become a member of any college secret organization?* ....

7 *Are you able to provide $100.00 to pay for your room, board and tuition—One half to be paid on entering and half at the beginning of the second semester?* .....

If a student for the Presbyterian ministry can you provide $50.00 to be paid as above? .....

For laboratory fees see general information, pages 12-14.

UNIVERSITY OF ILLINOIS-URBANA
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